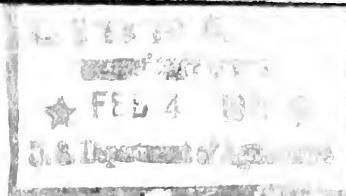


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Jotty's

1903-1928



MADISON
NEW JERSEY



Our 25th Anniversary Catalogue

RETROSPECT

CHIS CATALOGUE marks another milestone in the history of the CHARLES H. TOTTY COMPANY, a history that it may be interesting to recall.

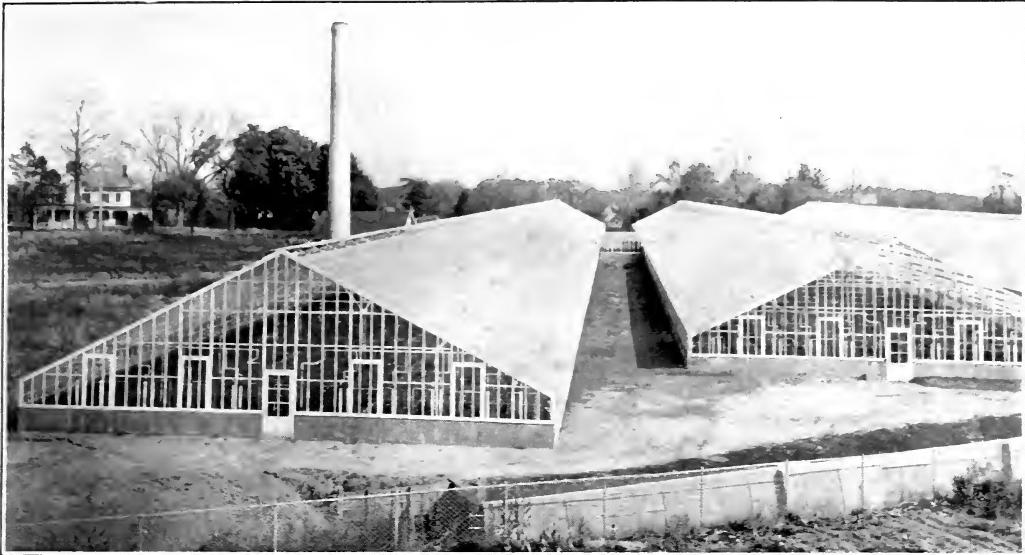
In 1903, Charles H. Totty started in business in a small way, as a specialist in Chrysanthemums, his earlier training in England and later on the Twombly Estate, as a grower of exhibition 'Mums, fitting him perfectly for this work. From this beginning, the slogan, "*Totty's 'Mums'*" went around the world, and Totty's 'Mums went with it. An international arrangement with Chrysanthemum specialists in England, France and Australia for years gave the world the finest exhibition varieties, which were sent out as the "Wells, Pockett, Totty Set," an arrangement that in part still continues. To mention only a few of the Chrysanthemum varieties sent out, such as the Pockett family, the Turners, White, Yellow and Pink, and others, is a review of the history of Chrysanthemum exhibiting, and is too long to be repeated here. In addition to the large varieties, the Singles, Pompons and other types sent out by us are the standard of progress by which other kinds are judged. A world-wide contact with horticultural experts naturally brought many other novelties for the rapidly increasing list of customers who demanded the best.

NEW ROSES

New Roses particularly have been a special feature with us. "Lady Hillingdon" we imported in 1911, and "Mrs. George Shawyer" in 1913. Through the courtesy of the E. G. Hill Company, Totty's helped to distribute their novelties, notably "Sunburst," "Columbia," "Premier," "Mme. Butterfly," and "America." "Souvenir de Claudius Pernet" so impressed Mr. Totty on a visit to Paris in 1921 that he tried it out for greenhouse forcing with the results that are self-evident in every flower shop in the country today. Roses will continue to be a special feature of the concern. Three magnificent greenhouses, covering an additional one hundred thousand feet of glass being erected this year to help take care of this end of the business, one item of which is represented by an annual propagation of over five hundred thousand grafted plants.

The hardy Rose business today is enormous, covering as it does all the needs of the Rose lovers in Hybrid Teas, Climbers, Polyanthas, and Standard Tree Roses.

In Hardy Perennial Plants, we, through our European connections, were the first to import the newest forms of Delphiniums, which are enjoying such wonderful popularity today. Novelties in hardy plants are not so easily obtainable, but Weston's Viola "Jersey Gem," which we introduced in 1924, is making its triumphal way around the world as the best hardy plant sent out in many years.



OUR LATEST ADDITION OF 100,000 SQ. FT. OF GLASS

Another Viola of Mr. Weston's, "Jersey Jewel," is one of our novelties for 1928, and will undoubtedly make its mark.

Now a word as to the business development of the concern. From 1903 was a record of continuous expansion, with the result that it was found necessary to incorporate to take care of the steadily increasing business. This was done in 1917, the firm name being Charles H. Totty Company, with a capital of \$125,000.00.

In 1922, the retail flower shop was opened in 4 East 53rd St., New York City, through which customers of other cities, visiting New York, can be furnished with "Totty's Fresh Flowers" direct from our greenhouses in Madison, N. J.

You will find our specialties on exhibition in the store during the flowering periods, and our facilities are always at your service.

Our cordial invitation to call on us at Madison, is still extended. The best way to come is to take the tube at 33rd St. and Broadway or Cortlandt St., New York City, and when you reach Hoboken, you can get a train on the D. L. and W. R. R. for Madison practically any hour. Many of our customers have found it convenient to call on us within the past season. We are always glad to welcome you. All the roads leading to Madison are in good condition for those who wish to come by motor, and we can only repeat the invitation, "DO COME."

Now a last word of thanks to the friends and customers who so loyally supported us year after year, some of whom have been our friends from the first. May we always be worthy of your best wishes.

As loyal co-workers with Mr. Totty in building up this business, we will do our best in helping keep it up to the highest standard of service and helpfulness.

MADISON

Totty's

NEW JERSEY

TOTTY'S CHRYSANTHEMUMS, MADISON, NEW JERSEY

THE POCKETT-TOTTY SET FOR 1928



PATRICIA GRACE

PATRICIA GRACE

(*Bertanzel*)

An exquisite variety for lovers of exhibition 'Mums, who are looking for the unusual in 'Mums. The color is a lovely shell pink and the petals are large and tubular in shape, standing straight out from a common center.

The older Chrysanthemum grower will recall "Lillian F. Bird" of thirty years ago, as this variety is a duplicate in formation and growth of that well-known sort.

Price: \$2.00 each, \$20.00 per dozen

THE POCKETT-TOTTY SET FOR 1928—*Continued*

FLORENCE BAHN

FLORENCE BAHN

A chestnut bronze of medium size but a wonderful color. The foliage is small, which permits fairly close planting in the benches. A bud August 25th produces flowers of perfect form with foliage right up to the flowers. Height five feet.

Price: \$2.00 each, \$20.00 per doz.

THE POCKETT-TOTTY SET FOR 1928—Continued



MRS. AUGUST KOCH

MRS. AUGUST KOCH

(Koch)

A rosy-salmon sport of Vermont, with creamy buff reverse. A true sport showing all the characteristics of the variety Vermont. A most unusual new shade of Chrysanthemums; bud August 15th, height five feet.

Price: \$2.00 per plant, \$20.00 per dozen

THE POCKETT-TOTTY SET FOR 1928—*Continued*



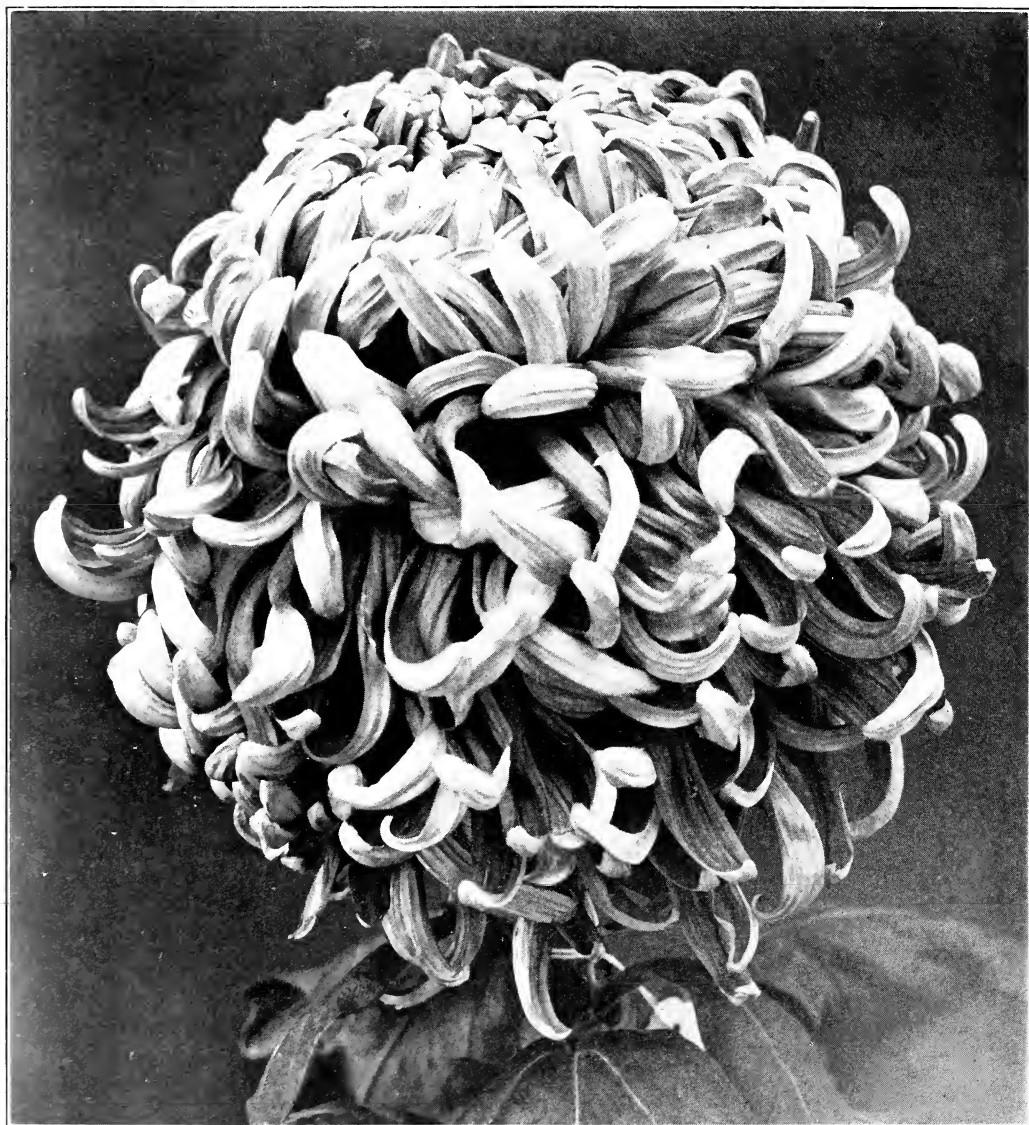
MRS. HENRY EVANS

MRS. HENRY EVANS

This Chrysanthemum might easily be described as a crimson Cactus Dahlia, since its characteristics resemble this flower. Every petal reflexes back, showing its color to the best advantage. Particularly valuable in the short stem classes on the exhibition table. A pure deep crimson, an Australian variety. Bud August 20th onward, height four to five feet.

Price: \$2.00 per plant, \$20.00 per dozen

THE POCKETT-TOTTY SET FOR 1928—Continued



GRACE STURGIS

GRACE STURGIS
(Ferguson)

An enormous flower of rich wine red with a pinkish-silver reverse. This is one of the largest Chrysanthemums we have ever seen, and the growth is wonderfully strong, running to six feet in height. On account of its vigorous rooting system, it takes up feed much more quickly than other varieties, therefore it should not be fed as freely as other sorts. Crown bud August 25th.

Price: \$2.00 each, \$20.00 per dozen

THE POCKETT-TOTTY SET FOR 1928—*Continued*



YELLOW CHIEFTAIN

YELLOW CHIEFTAIN

This is a canary colored sport of Chieftain coming to us from the Pacific Coast. It is identically the same type flower, growth and habit as Pink and White Chieftain and has wonderful commercial possibilities. As grown with us—three flowers to a plant—it was the most profitable variety handled this year. It is identical in all respects with the Chieftain excepting color.

Price: \$1.00 per plant, \$10.00 per dozen

TOTTY'S CHRYSANTHEMUMS, MADISON, NEW JERSEY

THE POCKETT-TOTTY SET FOR 1928—*Continued*



MARIE DE PETRIS

MARIE DE PETRIS

A wonderful incurved commercial variety of intense yellow, deeper in color than Golden Glory. Foliage right up to the flowers, regardless of what bud is taken. Throws 100 per cent perfect bloom regardless of bud. It has a stronger and more rigid stem than any other variety grown. Its foliage is closely set, very healthy, and mildew proof. Individual flowers average 20 to 22 inches in circumference. Matures November 10th to 15th.

Price: \$2.00 each, \$20.00 per dozen



CARRIE BEINECKE

THE POCKETT-TOTTY SET FOR 1927

Price: \$1.00 per plant, \$10.00 per doz., \$75.00 per 100.

CARRIE BEINECKE

When we say that this variety is an improvement on "Majestic," it is rather a broad statement, but when one sees the lovely, warm bronze color and perfect growth with ideal stem and foliage, you will agree with us that this is the finest variety distributed in our twenty-five years of introducing Novelties. Any bud after August 20th, height 5 to 6 feet.

GENERAL PERSHING

Deep, rich American Beauty shade of red. Wonderful vigorous stem and ideal foliage. The broad gleaming petals of this variety make it very individual in type. Bud August 20th onwards. Height 6 feet.

MRS. JULES C. LEEDS

A very vivid blood-red Chrysanthemum. The gleaming brownish petals of this variety are very novel and, on account of its marvelous color, it will be one of the most popular varieties. The individual petals are very broad and hang down gracefully from the center, making a perfect sphere in form. Splendid stem and foliage. Height 4 feet, second crown bud.

THE POCKETT-TOTTY SET FOR 1927—Continued

THOS. W. POCKETT

THE BRUCE

A beautiful combination of scarlet and bronze shadings. This variety, when taken on earlier buds, produce quantities of petals, which are rather small. On later buds the petals are very much larger and more attractive; therefore we suggest taking the bud August 20th onwards. Height 5 feet.

THETTA QUAY FRANKS

Clear lavender-pink with silvery reverse. This flower is composed of an immense mass of petals, all of which are carefully reflexed, and show the color of the flowers to the best advantage. The habit of growth and the stem is ideal, and it is altogether one of the most desirable pink varieties introduced in many years. Crown bud after August 25th. Height 4 feet.

THOS. W. POCKETT

After some forty years of hybridizing Chrysanthemums, Thos. W. Pockett has produced a variety that he considers is good enough to call after himself. This is a lovely clear pink with incurving tips, which has in its color every desirable attribute. We suggest a late bud the last days in August to give a perfect flower and color. Height 6 feet, second crown bud.



ANNE NICHOLS

NEW AND SCARCE VARIETIES

Price: \$1.00 each per plant, \$10.00 per doz., \$75.00 per 100.

ANNE NICHOLS

Deep amaranth with a heavy silvery reverse. A bud taken August 20th will produce a wonderful flower. The later buds while very fine in flower are too late for the exhibitions. Height 6 feet. Bud September 1st to 15th.

BERTA

Bright crimson; a very beautiful, well finished flower of recurring form and substance, showing its color to the best advantage.

CRIMSON GLOW

A glowing ruby crimson with broad reflexed flowers slightly curled at the tips. A flower of enormous size. Beautiful form and excellent keeper.

DR. J. M. INGLIS

A rich wine-purple amaranth with a silver reverse. The petals are loosely incurved and this variety is in every way a great improvement on Earl Kitchener.



DR. J. M. INGLIS—(See page 11)

DUCHESS OF WESTMINSTER

A bright shade of rosy mauve, showing a little of the pale gray reverse. The long petals, of medium width, are curved inwardly, finally reflexing at the tips.

HONEYDEW

Brilliant canary-yellow; a fine addition in the yellow class; fine grower, about $3\frac{1}{2}$ feet high. Stiff stem, handsome foliage.

HONORABLE JAMES R. MANN

Color reddish-bronze, with a pencil line of gold extending into the flower on each side of the petal. A very attractive variety that was greatly admired by the numerous visitors to our establishment on account of its rich Autumn tints. Best flowers on buds taken August 25th.

MRS. E. WARD OLNEY

Color, rich deep lilac-pink. Habit of the plant dwarf and ideal, and for a commercial pot plant it would be difficult to improve on. This variety will make its mark as a commercial kind on account of its perfection in bloom. Foliage right up to the flower, stem rigid and has every other desirable quality. Height $2\frac{1}{2}$ feet.

POULTON'S CLIMAX

An extra large and well proportioned white of great refinement, resembling Madame Carnot. If this variety were a little stiffer in the stem, we would call it "a gem of the first water."

MRS. F. E. LEWIS (*See page 14*)

STANDARD VARIETIES EXHIBITION CHRYSANTHEMUMS

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100

The following list of Chrysanthemums are the varieties that are usually found exhibited at the different shows. Many of these varieties are also grown by commercial florists for their cut flower trade, and we are only listing the very best of the many varieties introduced for the past ten years. We can recommend the entire list very strongly to anyone who wishes to grow Chrysanthemums in a greenhouse.

BRONZE TURNER

Color is buff-bronze, with the lower petals shaded maroon. Since everyone who has grown Chrysanthemums, or has seen them exhibited at the flower shows, knows the Turner type, to describe it further would be to use up valuable space on a well-known subject.

EDWARD D. DUFFIELD

A lovely shade of orange-yellow, which color is retained under artificial light. The petals stand out straight from the flower head and are of excellent substance. The growth is dwarf and stocky. Height, not over 4 feet. Bud September 1st.

STANDARD VARIETIES EXHIBITION CHRYSANTHEMUMS—Continued
ELBERON

Large Japanese incurved, similar to Louiseau Rousseau in type and color; strong grower, stiff stem, with foliage well up to bloom.

JOHN S. BUSH

A seedling from Louisa Pickett, which it much resembles; of immense size. Late buds of this variety are occasionally splashed with lavender, in a very novel manner. If the lavender-shaded flowers are desired, select the bud the second week in September. For pure white flowers, take bud August 15th onward. Height 6 feet.

J. R. BOOTH

This is the golden yellow sport of Nagirroc, which is too well known for further description. Height 4 feet. Crown bud, August 26th.

KATHERINE TWIGG

White, with the faintest possible blush on petals. When well grown is a very fine flower, perfect in form and substance. Growth about 5 feet in height. Bud August 20th.

MAJESTIC

Clear, shiny amber-bronze; a very brilliant shade of color, and a most attractive variety.

MISS MILICENT ROGERS

One of the most novel Chrysanthemums introduced in many years. Color bronzy-pink with gold shadings. Foliage right up to the flower, stiff stem, fine habit of growth. Height 4½ feet. Crown bud August 15th.

MISS RITA MITCHELL

Color salmon-bronze with fawn reverse; a most attractive variety. Enormous in size and will be one of the most popular kinds shown on the exhibition tables once it has become well known and generally distributed.



NAGIRROC (Golden Champion) (See page 15)

MRS. J. LESLIE DAVIS (Pink Turner)

It is absolutely identical with Turner in every respect save color, which is a clear lavender-pink. The growth and habit are a duplicate of the original parent and no other description is necessary. Height 5 feet.

MRS. F. E. LEWIS

An exquisite deep crimson with an old-gold reverse. Petals are extremely wide and the wonderful combination of crimson and gold is strikingly attractive. In color, is far superior to Pickett's Crimson at its very best. Late crown bud the first week in September. Height 4 feet. Certificated 93 points.

MRS. FELIX FULD

Amaranth pink with a silvery reverse. Strong and robust in growth and a magnificent sort, measuring up to the best traditions of the Pickett type. The flower attains a height of 6 feet, so headroom must be provided.

MRS. GILBERT DRABBLE

On an early crown bud from August 10th, this variety produces a marvelous flower; petals are arranged in a whorl, rendering them most attractive. Purest white in color.

MRS. G. G. MASON

Very distinct variety; color blood-red with a gold reverse, though very, very little of the gold reverse appears. Height 5 feet. Crown bud August 20th.

MRS. LOUIS B. TIM

Lustrous white with incurving petals; the earliest and largest white, blooming in early October. Stem and foliage absolutely ideal. Dwarf grower 2½ to 3 feet high. Bud August 15th.



MRS. G. G. MASON

STANDARD VARIETIES EXHIBITION CHRYSANTHEMUMS —Continued

MRS. WOODROW WILSON

Classed by many growers this year as the early Turner. It was in full flower October 1st. Take bud August 5th. Height 4 to 5 feet.

NAGIRROC

Finest exhibition bronze we have ever distributed; color, deepest glowing orange-bronze, 45 inches in circumference. Height 5 feet. Any bud after August 15th.

POCKETT'S CRIMSON

The greatest thing in its color ever sent out. Crimson with a gold reverse. Makes a flower 9 inches across; splendid grower, with foliage right up to the flower.

PRESIDENT JOHN EVERITT

Color, very unique chamois-buff; when first opening the petals are very closely incurved, forming a perfect ball, 27 inches in circumference. Bud August 15th onward. Height 3½ feet.

PRIVATE JAMES GRESHAM

Terra cotta red with gold reverse. It is particularly strong and free and comes splendidly on any bud, either early or late. Height 4 feet.

PRIVATE MERLIE HAY

Warm, bronzy-red in color, with clean, heavy foliage right up to the flower. Take bud any time after August 10th. Height 5 feet.

ROSE DAY

An exquisit flower of rose-pink; the lower petals droop and the upper petals are beautifully incurved. Bud August 20th onward.



WILLIAM H. WAITE

ROSE POCKETT

Old gold, shaded bronze. Purely an exhibition variety, but one of the finest kind sent out.

VERMONT

A most welcome addition to our exhibition list of pinks. The flowers are of enormous size, reminding one very much of the old variety M. L. Rousseau. Bud August 1st to 15th. Height 5½ to 6 feet.

WM. RIGBY

The yellow sport of Mrs. Gilbert Drabble; color beautiful, bright canary-yellow. Exact duplicate of Mrs. Gilbert Drabble in every way, except color.

WILLIAM TURNER

The best variety we have ever introduced; it has created a sensation when exhibited at the shows. Makes a perfect ball of the purest possible white.

WILLIAM H. WAITE

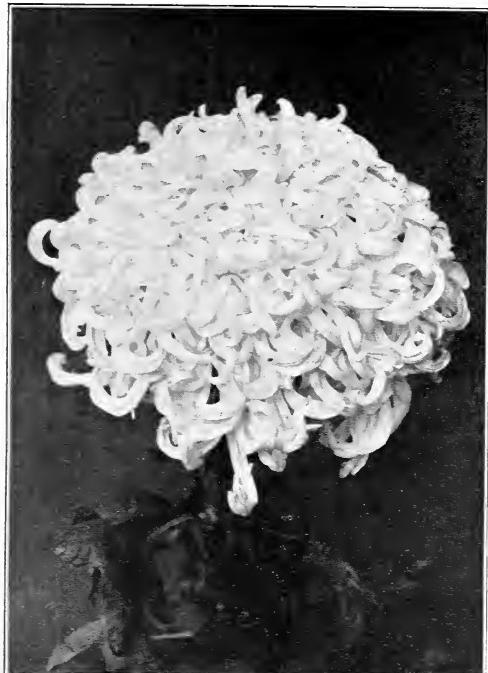
Color, deep warm bronze, so brilliant as to seem almost shading to scarlet in some of the flowers. Bud early in August will develop, but bud taken around August 25th will show a more brilliant color. Height 4 to 5 feet.

YELLOW POCKETT

A duplicate of Louisa Pickett in every way save color—every exhibitor simply must grow it.

YELLOW WM. TURNER

A light yellow sport from Wm. Turner; identical with its splendid parent in every respect, except in color; will be one of the most widely grown yellows for this season.



ROSE DAY

STANDARD VARIETIES OF COMMERCIAL CHRYSANTHEMUMS

Price: 50c. per plant, \$2.00 per doz., \$15.00 per 100.

The commercial varieties of Chrysanthemums are grown by customers who desire quantity rather than quality. These are not as large in the individual flowers, as the exhibition Chrysanthemums, but equally as satisfactory, if one is not looking for flowers exceptional in size.

CELEBRATION

A sport of Eaton, with the same wonderful texture and fine keeping quality; same splendid stem and foliage. A glistening yellow. Good for its date, which is November 5th, and budding date September 10th.

CHIEFTAIN

A beautiful incurving pink of perfect shape. Certified in Boston, Philadelphia and Chicago. Perhaps the finest incurved pink commercial variety in cultivation today.

DETROIT NEWS

Golden bronze variety, maturing October 25th. Take bud August 30th.

EARLY FROST

Most popular early white, coming into flower September 15th onward.

GLADYS PIERSON

Apricot orange, flowering about November 25th. Take bud September 30th.

GOLDEN GLORY

We have a fine stock of this splendid commercial yellow. Absolutely the best yellow for blooming November 1st. The size, color, stem and foliage are all ideal.

GOLDEN GLOW

One of the earliest commercial varieties, flowering from the first week in September and producing a flower equally as large and satisfactory as Chrysolora, which does not come in until later. E.



ROSE CHOCHARD

GOLDEN MISTLETOE

Owing to its lateness, this variety is valuable to the commercial grower. A light yellow sport from Mistletoe. Height 5 feet. Date of bud, September 30th.

HARVARD

Japanese reflexed, very dark crimson; in perfection November 15th and later.

MISTLETOE

Blush white of strong upright growth, flowering in December. A splendid variety for commercial work.

OCTOBER FROST

Blooms in early October and is the largest commercial white of its date. E.

OCONTO

White, fine, large blooms on very strong stems; largely grown for its period, which is early mid-season.

ROSE CHOCHARD

A very early pink variety coming into flower early in October. A great improvement on Chieftain in every way. Take bud August 15th.

SMITH'S ENCHANTRESS

Bright rosy-pink, surpassing all other commercial pink varieties introduced to date. Height 4 feet.

SUNGLOW

A bright yellow like Major Bonnaffon, flowering October 25th.

UNAKA

The long sought early October pink Chrysanthemum. A broad-petaled Japanese incurved of great depth and size for so early a variety. E.

WHITE CHIEFTAIN

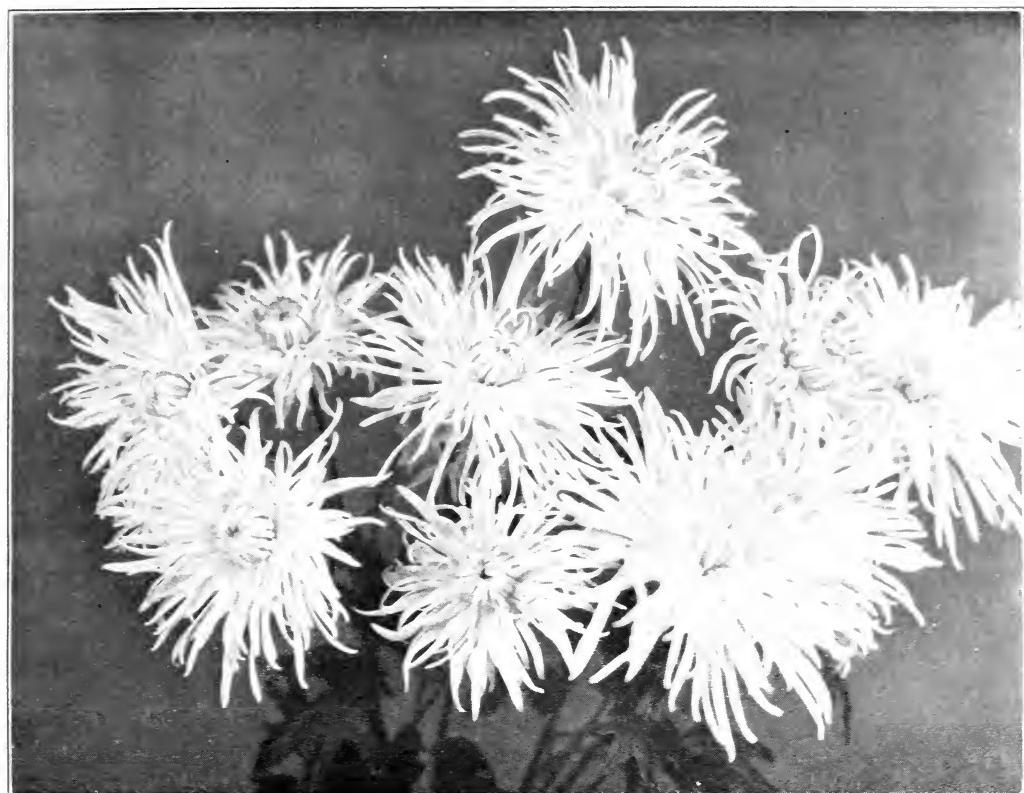
Pure white sport of the variety Chieftain; duplicate of the parent in all respects save color, which is a pure white.

WHITE SEIDEWITZ

White sport of popular Seidewitz, resembling it in every respect except color, which is a pure white. One of the best varieties for Christmas blooming.

YELLOW EARLY FROST

The yellow companion for Early Frost, blooming in early October. One of the finest commercial yellows. E.



THE DEAN (See page 18)

FEATHERY, SPIDERY AND THREAD-LIKE VARIETIES

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100.

We imported the following varieties from Japan years ago and are the only concern in the country listing this type. Where one wishes late flowers and has a conservatory or greenhouse, we recommend that just a few of the following varieties be grown, and we know they will surprise and please the grower.

AMATERASU (The Sun Goddess)

Heavy quilled petals which follow no set design but twist and curl like a very informal Cactus Dahlia. Color is yellow, as the name implies.

BENTEN (Goddess of Beauty)

Quilled petals, standing straight out from the center; color green-gold at center with blood-red tips; no Chrysanthemum introduced to date has the peculiar shadings found in Benten.

FUGI (THE WISTERIA)

The largest of the entire set; pale lavender in color with very narrow petals hanging down 8 to 10 inches in length. Very refined type. Splendid foliage and stem.

JIUJITSU

This 'Mum reminds one of the old-fashioned peppermint sticks, inasmuch as half the petal is white and the other half deep pink. The petals alternating make this a most fascinating variety. Spidery type.



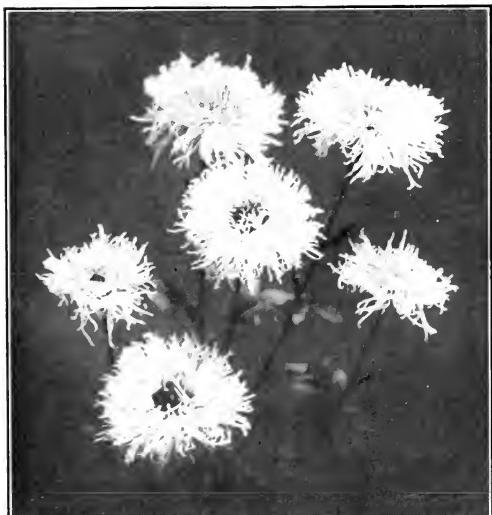
SAM CASWELL

PINK BEAUTY

A deep, pinkish lavender shading to pale lavender at the tips of the petals. Greenish gold in the center and a very beautiful Chrysanthemum which can be recommended as entirely hardy.

SAM CASWELL

Somewhat resembles White Thread except that it is larger and the end of each petal is divided into three points; the color is a brilliant rose-pink and a spray of this variety is a pleasing and attractive sight. Feathery type.



WHITE THREAD

TACHIBANA (The Orange)

Looks exactly like a mass of corn silk and when the flower is removed from the stem it is impossible to believe it to be a flower. Certainly no one would think it was a Chrysanthemum.

THE DEAN

A bridal white, feathery variety which makes a very charming spray when grown naturally without any disbudding. The narrow quilled petals are very irregular on the flower, and the pale beryl green curled center is a charming contrast to the intense white of the flower.



TACHIBANA

WHITE MRS. FILKINS

A pure white 'Mum, producing many flowers on a plant. Nice stiff stems, excellent for cut flower work and very novel in petalage.

WHITE THREAD

A beautiful and interesting variety resembling nothing so much as a quantity of short white threads growing on a stem. In contrast with large varieties in any exhibition it always calls forth great interest. Thread-like type.

WHITE WISTERIA

The creamy white sport of Fugi, very narrow petals; fine grower; a delightful variety.

MRS. ALFRED G. WILSON (*De Petris*)

NOVELTY ANEMONE CHRYSANTHEMUM

MRS. ALFRED G. WILSON

(*De Petris*)

A glistening pure white Anemone with pale yellow centers. As grown and exhibited by the originator, it has been the sensation of several flower shows. The growth is strong and robust, and the variety is a great improvement in every way on "Blanche," which to date has been one of our most popular white Anemone varieties. An aristocrat that should be grown by every Chrysanthemum enthusiast.

Price: \$1.00 per plant, \$10.00 per doz.

STANDARD ANEMONE CHRYSANTHEMUMS

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100.

Very individual and showy in their different colors are the Japanese Anemone Chrysanthemums. They are very distinct, as to type with their tufted centers, a charming contrast with the surrounding broader petals.

BLANCHE

An improved form of Garza. A very attractive flower of splendid habit.

CADET

A very fine bronze Anemone, that has proved very valuable wherever grown.

COED

A clear pink with a tinge of yellow at center, $3\frac{1}{2}$ inches in diameter, 3 feet high, flowering about November 10th.

EUGENE LANGAULET

Deep golden-yellow. Most popular variety in its color in the cut flower market.



GRAF VON ORIOLA (See page 20)

JAPANESE ANEMONE CHRYSANTHEMUMS—Continued

GOLDEN LIDA THOMAS

Rather tall, deep golden-yellow flowers; very valuable on account of its late blooming habit. Can be kept for Christmas, if desired.

GRAF VON ORIOLA

Strongest grower of the set; color pure rose-pink; tubular petals in center tipped gold; ends of the outer petals incurve slightly, making a bold and striking appearance; very bright foliage.

GRAF VON FLEMING

This is a charming variety; color of the purest pale lavender, the outer petals are tubular until they reach the edges, where they open and droop back.

INNOCENCIA

Outer petals of pure white; central petals most beautifully flushed pale pink; edges of the tubular petals in center of light yellow.

JUNO

Deep lilac, shading to white; the center head being loose and graceful and of a deeper shade than the outer petals; a magnificent variety in its color.

MADAME LUNT

Milk-white with rich, creamy-yellow center; a great improvement over existing sorts, and the very earliest white Anemone to come into flower. Wonderful foliage, very clean grower, and stiff stems.



WELCOME



JUNO

MARIAN SHILLABER

Deep primrose-yellow, with deeper bronzy-yellow tufted center. Most easily described as "Jonquil" yellow.

MISS HELENE BORMAN

Terra cotta bronze, with loose crested center of pale buff, the tips of each of the crested petals are split, showing the terra cotta shadings like the outer petals.

RED BIRD

Deep ruby-red, with green, golden crested center; when slightly disbudded and grown in sprays this makes a magnificent variety. Most unusual color combination in this type.

SPRING HILL

Blush white with yellow Anemone center. This variety has excellent substance and petalage. The stem is very rigid and particularly valuable on this account both for cut flowers and pot plants.

SURPRISE

Brilliant rose-pink; one of the largest and very finest in this section.

WELCOME

A very lovely Anemone of old rose with golden tips. The flowers are most gracefully arranged on the stem, having six to eight on a spray and placed so that every flower shows to the best advantage without any disbudding.

WILFREDA

Outer petals pale yellow, center petals bronzy, tipped straw yellow. Plant is a very strong grower and the flower holds itself very stiff and erect when cut on long sprays.

Pot Plants, Caps and Decorative Varieties



WELLINGTON WACK

LILAC CAP

Deep lilac sport of Caprice.

LIZZIE ADCOCK

Deep yellow sport of Source d'Or. Precisely like the parent in every respect as to growth and culture.

MARNE

A beautiful milk white variety that is dwarf in growth and very robust in habit. When disbudded will make quite a large flower and as a pot plant has every desirable quality. Good under any conditions of growth, and in flower November 15th.

PURPLE CAP

Bright purple sport of Caprice.

WELLINGTON WACK

Color soft primrose yellow, medium in size, with neat, reflexed petals. In our many years of Chrysanthemum growing and distribution, we have never had anything quite as fine in the decorative Chrysanthemums.

WHITE CAP

Pure white sport of Caprice.

YELLOW CAP

Brilliant yellow sport of Caprice.

The following varieties are listed separately for the convenience of the buyer, and are all particularly adapted for pot plant work. These are the kinds usually grown for the wholesale markets in large quantities.

They are often handled very satisfactorily by being planted out in the open ground in May, kept pinched into shape and potted September 1st.

Price: 50c. per plant.

\$3.00 per doz.,

\$20.00 per 100.

BELLE MAUVE

A good, all-around variety; rose-pink in color, very largely grown.

BUTLER'S CAPRICE

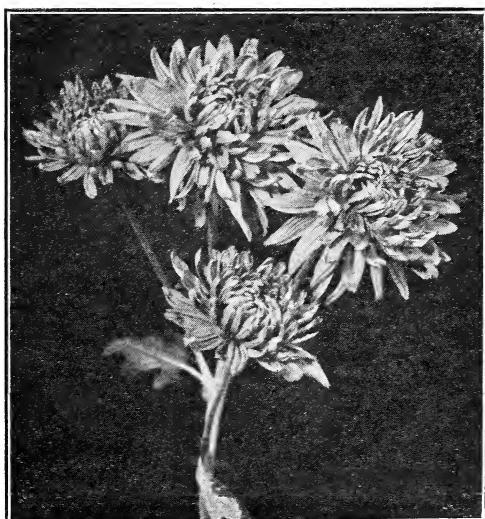
Deep pink sport of Caprice du Printemps.

GOLDEN MARVEL

A golden yellow shot with orange, the flowers are a gleaming mass of color. A beautiful variety and a great improvement on the popular Mrs. Chas. Peck.

KATHLEEN THOMPSON

The crimson sport of Caprice.



GOLDEN MARVEL

HARDY GARDEN SECTION

The varieties that follow are all perfectly hardy, providing they are grown in a section that is not too wet. If the stock plants are water-soaked all Winter, or frozen up in cakes of ice, they will not survive, but given congenial growing conditions and a slight protection of dry leaves with pine branches over them to prevent the leaves blowing away, they will come through without any trouble. Then in the Spring, after they commence to grow, they should be divided so just one shoot will remain to make the future plant. While the first frost will blast the flowers that are developed at the time, it will not injure the unopened buds, and the outdoor 'Mums can be enjoyed to their fullest extent all through the lovely "Indian Summer" weather.

Early Flowering Chrysanthemums

The cultivation of these 'Mums is simple: Plant them in a rich, well-drained piece of ground, setting out the plants a foot apart and pinching them once or twice during the months of May or June. They will branch out and make beautiful bushes and give the cultivator more return for the labor expended than any plant in the garden. There is a place for this type of 'Mums in every garden in America, whether one has greenhouses or frames, or not. Some growers who have grown these as pot plants have had great success with the same and we can recommend them highly for that purpose.

STANDARD VARIETIES

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100.

A. BARHAM

A beautiful orange-bronze and the first variety of this color to come into flower. Shows up wonderfully well under light when used as a decoration.

CANDIDA

This is the variety that is grown by the million in Europe, under the name of "Sanctity," etc. The color is absolutely pure white, and when grown without being disbudded produces masses of pure white flowers, which are wonderfully effective.



CANDIDA

CHAS. JOLLY

Bright, rosy-pink; splendid variety and popular with everyone.

CRANFORDIA

In this variety we have an early flowering 'Mum that covers every possible point; perfect in flower and stem; foliage up to the flower and every plant will carry twelve to twenty beautifully finished flowers. Color deep, bronzy-yellow.

FIRELIGHT

Brilliant carmine, shaded with scarlet. In perfect condition to cut October 1st, either outdoors or under glass. The earliest and best thing in its color.

GLORY OF SEVEN OAKS

A beautiful golden color, one of the best of the early flowering varieties.

HENRI VINCENT

This variety proved itself to be by far the most profitable Chrysanthemum we have had in our greenhouses, coming into bloom as it does October 1st.

STANDARD VARIETIES EARLY FLOWERING CHRYSANTHEMUMS



SOURCE D'OR

MRS. HARRISON CRAIG

One of the most unique colored varieties we have ever handled or disseminated, the ground work of the petals being yellow overlaid with brilliant orange-crimson.

NORMANDIE

Creamy-white; magnificent variety. The earliest and perhaps the best.

PETITE JEAN

On the same order as Perle Chatillonaise, but comes into flower about a week later. Color, pure white with a light yellow center.

SOURCE D'OR

Sometimes called "Golden Feather," a wonderful variety when grown in sprays or as a pot plant. Deep reddish-bronze.



TINTS OF GOLD

TINTS OF GOLD

The earliest bronze to flower, and makes a wonderful glowing bush if not disbudded. When the individual flowers are disbudded they will produce flowers as large as the greenhouse sorts.

YELLOW FROST

The bright yellow variety of the ever-popular Early Frost, coming into flower early in the season.

YELLOW NORMANDIE

Clear, bronzy-yellow sport of Normandie. Earliest yellow to come into flower.

PROTECTION

The best method of Protection for the Hardy Chrysanthemum is as follows: After they are through flowering, about the middle of November, cut the dead stalks down to within 2 or 3 inches of the ground. Cover the crowns over with dry leaves to a depth of 3 or 4 inches, and then place chicken wire or evergreen boughs over these leaves to prevent them blowing away. Be sure that all danger of frost is past before this covering is removed in the early Spring, and you will find your plants will come through with practically no losses.

If you want to plant a Fall garden that will be a joy and delight to you next Fall—plant the following varieties a foot apart as soon as the soil warms up nicely in the Spring. Pinch them several times, making the last pinch the middle of June and then let the plants grow along naturally and flower. They will be a source of pride and pleasure to you, as they flower early enough in the season for everyone to enjoy them.

All of these varieties suggested bloom about the same time—the first week in October:

BRONZE: A. Barham and Firelight.
WHITE: Normandie and Early Frost.

YELLOW: Yellow Normandie and Yellow Frost.
PINK: Henri Vincent and Charles Jolly.



Novelty Single Chrysanthemums for 1928

The Novelty Single Chrysanthemums every year show more advance than any other type. They have practically reached perfection in coloring, size, habit of growth, and quality. They flower at a time when all other flowers have finished blooming, and for coloring are as gorgous as any Summer Perennial in the garden, when the right varieties are selected. The varieties this year are better than ever before.

Price: \$1.00 per plant, \$10.00 per doz., \$75.00 per 100



BABY CHARLES

Novelty Single Chrysanthemums for 1928

Price: \$1.00 per plant, \$10.00 per doz., \$75.00 per 100

ABSOLUTE

Superlatives sometimes get tiresome, but we cannot help remarking that this in itself is the finest thing we have sent out. It combines every desirable attribute, having thick, fleshy petals, which ship perfectly, and in color is an intense scarlet bronze with a clear yellow center. The stems and foliage are ideal, and we feel the originator naming it "Absolute" knew that an improvement on this variety is almost impossible.

BABY CHARLES

A strong growing Single Chrysanthemum of clear yellow, the florets of which reflex considerably on the tips of the petals. Fine grower.

CYRIL KOCH

A flame bronze very rich colored variety of exceptional habit and growth, running four to five feet high in the bench. This variety has been one of the most admired of our entire collection.

MAYOR J. W. SMITH

(*De Petris*)

A very fine late deep rose-pink Single with very stiff straight petals. A remarkable shipper and a strong, clean perfect grower.



ABSOLUTE

NOVELTY SINGLE CHRYSANTHEMUMS FOR 1928—Continued

MELBA

A brilliant bronzy-red of exceptional merit. The foliage is magnificent, the growth strong and sturdy. One of the most satisfactory varieties seen in many years.

MISS MARY ISABELLE

Blush white in color with a background of clear lavender, needing no disbudding, as the individual flowers are nicely placed on the stems, making it one of the most graceful varieties we have distributed in many years. This is an enormous flowering sort and disbudding is unnecessary.



MELBA



R. COLLINS

Price: \$1.00 per plant, \$10.00 per doz., \$75.00 per 100

SINGLE CHRYSANTHEMUMS STANDARD VARIETIES

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100.

ALICE HOWELL

A rich shade of orange-yellow in color. By far the most attractive of any of the yellow single varieties.

ARABY

A pure white seedling of very vigorous habit and growth. A decided improvement on Mensa, the petals are of excellent texture and the flower is a very fine keeper and shipper.

BESSE LA ROCHE

Color, when first opening, Brazil-red, but as the flower ages it shades into a deep crimson-bronze with large yellow zone in the center.

BRONZE BUCKINGHAM

When we say this variety is a duplicate of its parent in every respect except color, little more description is necessary, for Buckingham is one of the best known Singles. Color is a cheerful glowing bronze.

OLD GOLD

A splendid variety, commencing to flower November 15th to 30th; in every respect a first-class type. The color is pure, clear old gold, and the foliage is so deeply cut as to resemble a holly leaf. The ensemble is most attractive. The stem is very sturdy and robust and, taken altogether, "Old Gold" is a most desirable variety.

R. COLLINS

Brilliant tawny bronze, coming to us from Europe. This is a beautiful, strong grower and the flowers are well divided on the parent stem, which makes it ideal to grow as a spray variety. "R. Collins" is a shade of color that is always in demand, and to date varieties of this color have been limited. We predict a wonderful future for "R. Collins."

BRONZE MOLLY

Color clear tawny yellow. A Single that is enormous in size, both as to flower and plant. The plant, under favorable conditions, will attain a height of 6 feet, clothed from top to bottom with luxuriant foliage.

CAROLINE ROBBINS

When first opening, the flowers are a deep mallow-pink and gradually develop into lilac-rose. The very broad petals of this flower much resemble a double Cosmos.

CATRIONA

Deep, rich amaranth, with a narrow white zone around the disc; of fine form and splendid habit. This variety will make one of the very finest Singles for pot culture, owing to its dwarf, rigid growth and stiff stems.

SINGLE CHRYSANTHEMUMS, STANDARD VARIETIES - *Continued***DR. MARCUS A. CURRY**

Autumn tints best describes this flower, which is a combination of yellow salmon-bronze and scarlet. The colors are very intense when first opening, changing to a lighter shade as it develops.

DR. MILLS

A very handsome canary-yellow variety, coming into flower November 15th and later, and will be very popular on that account. The growth is stiff and erect and every flower stands out most attractively on the stem.

ESME WATERS

Color deep rich yellow and a variety that will be very valuable as a cut flower, as it comes into flower November 15th and later. Very long foot stalks which makes disbudding unnecessary.

FLOSSIE

Creamy white when first opening, changing to pure white when fully matured. Every stem on the plant carries several flowers gracefully arranged on the stem, making it a superior sort for decorative purposes.

GLORIANNA

Bronzy-amber with pink shadings. Plant is an excellent grower, with perfectly stiff, erect stems. Free flowering. A most desirable all-around variety.

GODFREY'S TRIUMPH

This is named by one of the finest cultivators of Single Chrysanthemums in Europe. In shape it is exquisitely cupped like a Waterlily, and the flower is of a bright Buttercup yellow.

BRONZE BUCKINGHAM (*See page 26*)**GOLDEN MENSA**

Identical with Mensa in every way except color, which is a bright, golden yellow.

GOLDEN SUN

One of the most brilliant yellows we have ever seen. Petals very stiff and the several rows of petals on the flowers make it ideal for shipping. Growth particularly strong and vigorous, with luxuriant foliage.

GRACE CALHOUN

Magnificent old gold, shaded carmine. One that stands out in the entire collection. Has about three rows of petals which makes it a superior variety for shipping as a cut flower.

GRETCHEN PIPER

One of the most admired of the varieties at the flower shows for the last two years. The color is a deep glowing yellow and the flower light and graceful.

H. MARIE TOTTY

We consider this the finest Single we have ever had the pleasure of introducing. Color is a brilliant crimson, with scarlet shadings near the center of the flower.

HELIOS

Chestnut-scarlet, occasionally flecked with yellow at the tips. The individual petals twist back, making the flowers look as though the petals were quilled. Foliage and stem particularly pleasing.

ISABEL FELTON

Classed in Europe as the very finest yellow; with us the growth is rather tall and the flower has considerably more color than Golden Mensa.

CATRIONA (*See page 26*)

SINGLE CHRYSANTHEMUMS, STANDARD VARIETIES—Continued

JEANNE SHELLY ADAMS

A deep rose-pink with white zone around the center. The flowers well produced in heavy clusters and the rigid stem holds them up erect and sturdy.

JOYCE STROWLER

A bronzy salmon-pink of wonderful substance and texture. It is impossible to describe the true beauty of this particular variety.

JULIA QUINLAN

A gorgeous combination of old rose and bronze and one of the finest varieties we have had for years. The individual stalks are 6 inches or more in length, rendering disbudding unnecessary, giving the flowers a distinct and massive appearance.

KATHLEEN MAY

Very brilliant crimson, with some six rows of petals, making the flower almost too heavy to be called a Single, although it has the open center of the Single types. Stiff stem and foliage ideal.

KITTY RICHES

For years we have been trying to produce a pink Single that could be brought into the market early and in this variety we have achieved our ideal. The color is a dainty pink, much like Mrs. Buckingham, and sells on sight.

LOUISE MAYO

The most exquisitely beautiful single we have ever introduced. Contains about six rows of petals, the lower four rows of same being deep creamy lavender and the shorter or inner rows being a pale gold, of enormous size, with stiff, heavy growth.



ESME WATERS (See page 27)

LOUISE MORI

A wonderful flower of purest possible white. It has splendid texture in the petals and the individual flowers stand out absolutely flat. We consider this in every respect one of our finest productions.

LILY NEVILLE

White, of great substance and size, with solid flowers nicely arranged on the stems. This variety is also adapted for pot plants as well as cut flowers, since it is a dwarf, stiff grower.

LOUIS SPEARS

Brilliant chestnut-crimson; plant a very strong grower, needs to be disbudded as the flowers are rather closely placed on the stem.

MARGARET WAITE

A deep pink sport of the well-known late pink Single, Mrs. E. D. Godfrey, differing from the parent in having extra petals, and a much deeper and more pleasing color.

MARY DAVIS

An improved Rosy Walker, growing about twice as large as the original variety. The center of the flower is a pale gold and the edge of the petals are blood red.

MARGARET W. WANNER

Cadmium orange, suffused deep amber-bronze; being a seedling of Buckingham and retaining all its hardy characteristics with the added advantage of an additional row of petals.



GODFREY'S TRIUMPH (See page 27)

JULIA QUINLAN (*See page 28*)**MISS ISABELLE**

A sport of Mrs. E. D. Godfrey, and comes to maturity for Thanksgiving Day. Bronze color with a silvery reverse to the petals.

MISS MOLLY

Color is a brilliant bronzy-amber, flowers large and well placed on the stem, needing no disbudding.

MOLLY HUNT

A glistening white Single with broad, flat petals in striking contrast to its bright yellow center. Free flowering and a variety that will be warmly welcomed as it is the finest white in many years.

MRS. W. E. BUCKINGHAM

Midseason pink, has proved itself one of the best varieties for cutting or market purposes ever introduced.

MRS. MARCUS A. CURRY

Old rose in color with a beautiful bright yellow center, well divided, and a great favorite in the Fall exhibitions.

MRS. E. D. GODFREY

Light pink; same shade as Lady Hopetoun; very finest variety for Thanksgiving market; very strong grower and more largely grown than any other Single.

MRS. EDWARD HARDING

A charming new shade, best described as bright claret-rose with a warm golden center. Best of all, it has a very unusual sweet, spicy fragrance and is a table decoration par excellence, having splendid keeping qualities as a cut flower.

MRS. C. S. McKINNEY

Bright buttercup-yellow. A superb variety in all respects. This has several rows of petals and a deep green center—a charming contrast. Stiff stem and nice foliage.

MRS. ALBERT PHILLIPS

Deep lavender in color, one of the earliest of the Singles to develop this year; fully open October 5th. When first opening the contrasting color is a lovely cream, charming and beautiful.

MRS. A. HILES

Very luxuriant foliage and ideal habits of growth. The petals on the tips are of a clear yellow with veinings and stripes of crimson scarlet. A most attractive and distinct variety.

MRS. JOHN A. STEWART, JR.

A lovely bronze with yellow zone immediately around the center disc; just the color that associates itself with Autumn foliage.

RIDGEWOOD

A very heavy, small-flowered Single with quantities of petals, which makes it adaptable for outdoor culture. The color is a lovely clear pink with a bronzy glow overshadowing the petals.

ROSE F. RICCI

A lovely clear pink with very brilliant golden center. The petals have a frilled effect that is very beautiful and the individual flowers are gracefully arranged and are divided on the stem.

ROUPEL BEAUTY

True American Beauty in color, very large flowers with bright yellow center; very attractive flower and novel color.

RUTH E. ADAMS

A beautiful bronzy old gold of very distinct appearance. This variety attracted the attention of everyone who saw it growing in the garden this year.

RUTH C. DENNISON

A bright yellow Single that is destined to take the place of Golden Mensa, since it is a great improvement over that variety, and comes into flower three weeks earlier.

SEPTEMBER GEM

The earliest yellow single Chrysanthemums to come into flower. Beautifully clear and distinct and for anyone desiring flowers in October in their garden, this variety is unequalled.

STANLEY VEN

Lovely rose color; sprays are well divided, doing away with the necessity of any disbudding. This variety has been on the market five years, but we have been unable to find anything to displace it in its color to date.

SWEET AUBURN

A bronzy crimson with a contrasting center of dull old gold. The lower petals on this Single reflects and the tips of the petals twist and curl in a most attractive manner. Very strong and vigorous in growth.

VICTORIA MORI

A beautiful, deep red with a clear gold zone in the center. This variety comes into flower November 1st, with an abundance of marvelously colored flowers which shine out very brilliantly among other varieties.



LOUISE MAYO (See page 28)

VIVIAN COOK

A delightful addition to the already large list of yellow; coming in as it does a week before Golden Mensa, with a larger flower, it fills in nicely. color is brilliant canary-yellow.

WINIFRED PERRY

The flowers of this variety are very valuable and beautiful. The color is a pale bronze, shading to salmon-pink. Does best when disbudded and it is named in honor of one of the most popular flower painters in London.

Novelty Pompon Chrysanthemum

LUGANO

(*De Petris*)

A brilliant lemon-yellow Pompon, shading to golden yellow. A most productive variety that can be grown either disbudded or in sprays, and when disbudded the flowers measure 3 to 3½ inches across. When grown in sprays the flowers are placed on stiff stems. This Pompon is a valuable acquisition to the commercial grower, as it has excellent keeping qualities. Very healthy, small foliage, and very rigid stems. 28 to 30 inches high. Matures November 1st.

Price: \$1.00 per plant, \$10.00 per doz.



LUGANO

Large Flowering Pompons

For cut flower work, this type of Chrysanthemum is unexcelled, since it produces long sprays of flowers with the blooms gracefully arranged on the stem. This improved type of Pompon has become very popular within the last five years, and they are now preferred by many people to the smaller or button types.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100.

ADELAIDE

A splendid, deep, rich mahogany; one of the earliest to develop, being ready to cut by October 10th. Strong, healthy grower and a desirable variety in every way. About 4 feet high when well grown.

ANNA KUHN

Deep old rose with lighter shadings on tips of petals, the whole flower giving the suggestion of clear Indian-red, when growing on the plant.

ANNA L. MORAN

Of all the many Chrysanthemums we have distributed the last twenty years this is our favorite in Pompon section. The color is splendid—a brilliant flame-scarlet, so vivid as to be easily the most striking flower in the entire collection.

BRONZE DOTY

Deep terra cotta bronze, like both of the foregoing varieties of the Doty family, it is also of splendid habit, stiff in stem and free flowering. The deep terra cotta red is enhanced considerably by the old-gold shadings throughout the petals.

BRONZE QUEEN

Almost identical in color with Anna L. Moran, but two weeks later in blooming; a brilliant flame red, deepening in color as the flower ages.

BUDDY

A dwarf Anemone Pompon, very attractive color of yellow and bronze. The flower droops down in a very peculiar manner, showing the small disc center to the best advantage.



ADELAIDE

CAPTAIN COOK

Taller in growth than the average Pompon, running the same as Lillian Doty. First Pompon to open and the color is a lovely shade of rose-pink, far ahead of anything else in its color at the time of blooming.

DREAM

A very handsome late Pompon and a delightful acquisition to the late varieties. The color of Mrs. E. D. Godfrey, Single Chrysanthemum. Disbudding is unnecessary with this variety, as every flower stands well out, and shows itself to the best advantage.

FRANCES HUCKVALE

Gardenia white, with a creamy shaded center. Far in advance of Queen of the Whites, or any other Pompon.

GOLDEN STAR

A very handsome variety, dwarf, erect habit, with stiff stems. The petals are narrow and beautifully whorled, giving a flower of deep yellow and an effect of grace and charm not often seen.



ANNA KUHN

LARGE FLOWERING POMPONS—Continued

H. R. H.

Clear lavender of the Doty type, but superior in the general make-up of the flower. Growth stocky and robust. If the center bud is removed from the shoot it makes a marvelous spray without any other disbudding.

HELENA FLINT

Rich old gold in color, and a duplicate of Doty in form, growing habit, foliage, etc. A very fine acquisition to the Doty type, we have been growing for a number of years.

JULIA DE WITT

Bright bronzy-amber with deeper shadings. A dainty and exquisite variety.

MARY ANN

Light pink in color, a great favorite with the visitors to our establishment this Fall. Excellent in foliage and stem.

MISS HELEN TAIT

A particularly vigorous pink, almost too large for a Pompon, but makes a wonderful show in the garden. Flowers very resistant to weather conditions and will keep outdoors in good condition for weeks.

MRS. FRANCIS H. BERGEN

Creamy white, with center of rosy-pink, shading to lighter pink in the outer edges. As the flower ages it changes to a charming pale lavender.

MRS. H. HARRISON

One of the first of the Pompoms to come in flower, being in excellent condition to cut outdoors the middle of October. The color of this variety indoors is a dainty, exquisite blush.



ANNA L. MORAN (*See page 31*)

MRS. NELLIE KLERIS

This variety is an improved Lillian Doty, but the color is more evenly diffused over the flower. The blooms are equally as large as Lillian Doty, but better divided on the stems.



BUDDY (*See page 31*)



MRS. H. HARRISON

LARGE FLOWERING POMPONS -Continued

MRS. J. WILLIS MARTIN

Crushed strawberry in color. The only variety we have in this shade of outdoor Chrysanthemums. One of the most beautiful varieties we have ever introduced, and on account of its exquisite shade is very popular.

MRS. CHESTER ROBINSON

This variety is a very tall, strong grower, running 4½ to 5 feet tall in the benches. Flowers are very large, as large or larger than Doty, which it somewhat resembles, though it is deeper in color, being a lovely old rose shade of pink.

MRS. HENRY F. VINCENT

An exquisite shade of fawn and bronze with salmon-pink shadings. This variety also is very strong in growth and the foliage is perfect in every way.

MRS. G. W. WICKERSHAM

Large, snow white flowers on long stems that are splendid for cut flower work.

NELMA PUTNAM

The outer petals of this variety are rose-pink shading to pinkish-bronze in the center, and the very center of the flower is creamy-yellow. The color effect is very pretty.



MRS. J. WILLIS MARTIN

SHAKER LADY

Bright tyrian pink and one of the best we have introduced. Strong, healthy growth with the flowers well placed, showing up the individual flowers to the best advantage.

WHITE POPCORN

Lovely ball of pure white, ideal in growth, with very stiff stems. Flowers are well divided on the spray. One of the best cut flower varieties.



MRS. CHESTER ROBINSON

PINK POPCORN

A counterpart of the white in every way, except color, and this is a clear, handsome shade of pink.

RED DOTY

Wine-red, with a silvery reverse on underside of petals and showing up distinctly in the short, crisp, center petals. A duplicate of Doty in form and habit, and three times as large as that favorite variety.



MRS. HENRY F. VINCENT



HARDY POMPON CHRYSANTHEMUMS Standard Sorts

Frequently known as the Button type.

These are the latest flowering Chrysanthemums of all to bloom and many times their flowering heads are seen above the first snows. This type will be found in practically all the old-fashioned gardens. The best known of the many types of Chrysanthemums.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100.

BABY

Everybody's favorite. The smallest yellow variety grown.

BABY DOLL

A pale yellow with rosy center, and deep pink edging on the petals. Minute variety of Pompon with dwarf habit.

BECKY McLANE

Small bronze late flowering Pompon, in full flower for Thanksgiving or can be held later if desired.

BRIGHT EYES

As name implies each flower has a bright eye. The outer petals are orange-apricot. Excellent for pot plants; flowering about October 25th.

CLARA JAMESON

Lovely combination of bronze and scarlet. One of the showiest varieties in our garden this past Fall; keeps blooming profusely, even after heavy frost.

CHRISTMAS GOLD

This variety is a small golden-yellow and does not flower until December, making a very valuable late flowering sort.

DELPHINE DODGE

Rose-pink variety, changing to a creamy white, shaded lavender as flower ages.

DONALD

Light pink, very fine grower, large and sturdy, flowering outdoors in a sheltered situation up to Thanksgiving.

DORIS

A bronze variety with very short, crisp petals that gives universal satisfaction.

GILDA

Bright orange, flowering October 25th; very free flowering, with dwarf, rigid growth.

GOLDEN CLIMAX

Orange-yellow. In our opinion the finest of the many yellows now in cultivation, possessing every necessary qualification. Truly named, as it does not seem possible to improve on this variety.

HARDY POMPON CHRYSANTHEMUMS—Continued

HILDA CANNING

Reddish bronze, button Pompon. Very fine sort.

LILLIAN DOTY

It is much the finest pink in the large-flowered section of the entire Pompon family. The plant is a tremendous grower, producing beautiful sprays of clear, light pink flowers.

MARY PICKFORD

One of perfect form, petals reflex at maturity nearly to stem, forming a ball of pure white.

MITZI

Free flowering variety, medium size. Yellow, showing a red center during development.

MRS. FRANK WILCOX (Mrs. Frank Beau)

Color, reddish-orange, splendid variety for Thanksgiving use.

NOVEMBER GOLD

Very large flowering, bright golden yellow, flowering the early part of November.

NEW YORK

Bronze seedling from Hilda Canning. Flowers November 1st. One of the best in bronze.

NUGGETS

A lovely clear shiny yellow, ideal either when grown as a pot plant or for cutting in graceful sprays. November 1st to 15th.

PAULINE WILCOX

Bronze with red and gold shadings running out to a lighter color at the tips of the petals. Stem very stiff and the flowers are well divided on the cluster.



DELPHINE DODGE (See page 34)

PETITE

Dwarf yellow of Baby Pompon type, ready to cut November 1st and well worth growing along in the list of newer Pompons.

ROMAINE WARREN

The color is orange-bronze. It is a clean grower of medium height and makes very attractive flower sprays, carrying the flowers well apart.

ROWENNA

Light bronze Pompon, splendid for Thanksgiving.

UVALDA

Pure glistening white Pompon, in full flower October 5th. A fine early flowering sort.

VARSITY

Yellow Button Pompon, flowering in early November.

WESTERN BEAUTY

A deep rose-pink, rather late for the shows, but one of the best Pompons ever introduced.

WHITE DOTY

A sport of the popular variety, Lillian Doty, and a duplicate of the parent in every way, except color, which is pure milk white.

YELLOW DOTY

One of the finest yellows in the large flowering section of the Pompon. A wonderful grower with flowering stems 4 feet long and a magnificent bright yellow in color.

ZENOBIA

Pure yellow. Comes into flower first of all and popular on this account.



PETITE

Types of Hardy Chrysanthemums

SINGLES—EARLY FLOWERING—POMPONS

For
A
Delightful
Fall
Garden

This
Offer
Is
Unsur-
passed



The collection is specially prepared for the benefit of those customers who have never grown Hardy Chrysanthemums, and therefore are not familiar enough with the different types to know definitely what to order. This assortment comprises an equal number of each type; all entirely satisfactory, and in all shades of color, and we will send our own selection of

100 Assorted Plants, \$15.00.

If a customer desires some particular color—or a greater quantity of some one color, and will state this when ordering, we will endeavor to meet their wishes, insofar as it is possible for us to do so.

Novelty Rose Introductions for 1928



ROSE HILL

ROSE HILL

The finest sport of Columbia yet produced. In proof, it has more petals than Briarcliff. The bud is firmer in texture, consequently it is a fine shipper. Self pink of charming brilliance, which does not fade on the reverse of the petal; almost thornless. It will delight the commercial grower, and will also prove a jewel in the hands of the average florist and the amateur.

GRAFTED STOCK ONLY

Size	Per plant	Per doz.	Per 100
2½-inch.....	\$1.00	\$10.00	\$60.00
3 -inch.....	1.20	12.00	70.00
4 -inch.....	1.30	14.00	80.00

NOVELTY ROSE INTRODUCTIONS FOR 1928—Continued



GAIETY

GAIETY

This is a "Fancy Rose," with a trace of Pernetiana blood, which gives it very ornamental foliage, large, smooth and shining, of a beautiful shade of medium green.

The opening bud shows brilliant red as the sepals spread; the petals are ruffled, and each row has a different tone, from old rose to cream and white in the center; a fine quick grower, with long stiff stems.

GRAFTED STOCK ONLY

Size	Per plant	Per doz.	Per 100
2½-inch	\$1.00	\$10.00	\$60.00
3 -inch	1.20	12.00	70.00
4 -inch	1.30	14.00	80.00



FLOREX

Newer Rose Introductions

GRAFTED

Size	Per plant	Per doz.	Per 100
2 $\frac{1}{2}$ -inch.....	\$0.60	\$6.50	\$50.00
3 $\frac{1}{2}$ -inch.....	.75	7.50	60.00
4 $\frac{1}{2}$ -inch.....	1.20	12.00	70.00

FLOREX

A brilliant shade of coral salmon suffused with deeper carmine. The flowers make wonderful long stems without any pinching and are a shade of color destined to be very popular. The bud is most attractive in shape, and the growth very vigorous.

NEWER ROSE INTRODUCTIONS—*Continued*

FONTANELLE

FONTANELLE

This beautiful variety is a seedling of Butterfly and Pernet, and the combination has resulted in a very variable colored Rose which to my mind is its most attractive feature. Some of the flowers are quite heavily flushed with pink, others of a deep clear yellow much deeper than Pernet, and others fade out to a lighter more even color.

PREMIER SUPREME

(Zieger & Sons)

Deep rose pink, sport of Premier, with large high centered flower. Very long in the bud. Dark leathery green, disease resistant foliage.

GRAFTED

Size	Per plant	Per doz.	Per 100
2 $\frac{1}{2}$ -inch	\$0.60	\$6.50	\$50.00
3 -inch	.75	7.50	60.00
4 -inch	1.20	12.00	70.00

NEWER ROSE INTRODUCTIONS—*Continued***RAPTURE**

A much improved sport of Mme. Butterfly, as far ahead of Mme. Butterfly as Mme. Butterfly was of Ophelia. The color is an exquisite salmon shade, deeper than the very best Butterfly, with the same golden flush at the base of the petals. As a sport of Butterfly, Rapture shows all its good characteristics with a larger foliage and a much heavier growth.

RAPTURE

GRAFTED

Size	Per plant	Per doz.	Per 100
2½-inch.....	\$0.60	\$6.50	\$50.00
3 -inch.....	.75	7.50	60.00
4 -inch.....	1.20	12.00	70.00

NEWER ROSE INTRODUCTIONS—*Continued*

TOTTY'S RED

TOTTY'S RED

There have been several sports of Premier distributed to date, but none that can approach Totty's Red in color. This is a brilliant crimson, an exact replica of Richmond. In addition to its beautiful color, it has the exquisite fragrance always associated with red Roses.

WILLIAM KORDES

An imported variety that is making splendid headway in popularity with the cut flower growers. The color is a combination of luminous pink, bronze and yellow shadings that are most attractive. This variety, we predict, will forge its way very rapidly to the front.

GRAFTED

Size	Per plant	Per doz.	Per 100
2½-inch.....	\$0.60	\$6.50	\$50.00
3½-inch.....	.75	7.50	60.00
4½-inch.....	1.20	12.00	70.00



SOUVENIR DE CLAUDIUS PERNET

BUDDED ROSE PLANTS

Price: \$1.00 each per plant, \$11.00 per doz., \$90.00 per 100.

MADAME ALEXANDRE DREUX

The golden bronze Rose with scarlet shadings. Fine, healthy grower and very free blooming all through the season. The growth is not as heavy as Pernet or Columbia, but the lovely color makes it one of the most sought for new Roses.

SOUVENIR DE CLAUDIUS PERNET

The finest forcing yellow Rose to date. We are proud of the wonderful record this Rose has made since we introduced it six years ago. The color is a brilliant clear yellow, which does not fade at any time, and the beautiful holly-like green foliage makes a charming contrast for this beautiful flower.

We can quote you specially fine stock, of the two above varieties budded on Odorata stock, which has been recommended as the best root upon which to reproduce these varieties.



MATCHLESS. (See page 45)

STANDARD VARIETIES OF ROSES FOR FORCING

GRAFTED

Size	Per plant	Per doz.	Per 100
2 $\frac{1}{4}$ -inch.....	\$0.50	\$5.00	\$40.00
3 -inch.....	.60	6.50	50.00
4 -inch.....	.75	7.50	60.00

BRIARCLIFF

A sport from Columbia, retaining all the good qualities of its parent, color more brilliant than Columbia, being a true rose-pink without any shadings whatever. Long pointed bud and very fragrant. Every bud of this variety is 100 per cent perfect. Abundant dark green foliage and habit of plant very vigorous.

CECILE BRUNNER

Known under various names, such as Sweetheart, Mignon, etc. Is a dainty, miniature Rose. Light pink in color, and every greenhouse should have a few plants of this beautiful little Rose.

DOUBLE WHITE KILLARNEY

There are several strains of Double White, but this stock we secured from a sport of Double Pink Killarney, and it is the finest type we have seen.

FRANCIS SCOTT KEY

One of the most valuable Roses for growing in this country. On account of its heavy petalage it is considered an ideal variety for Summer growing, since it does not blow open so quickly. Free flowering and beautiful shade of deep red or American Beauty in color.

STANDARD VARIETIES OF ROSES FOR FORCING—*Continued***LADY HILLINGDON**

Clear coppery-yellow Rose that does particularly well in Midwinter. Fine free flowering sort.

MADAME BUTTERFLY

A glorified Ophelia. The individual bud is larger and the color tints of Ophelia are greatly intensified, making it a harmony of bright pink, apricot and gold.

MATCHLESS

The deep, cerise sport of Premier. We predict that this Rose will take the place of Premier as soon as it is distributed, as the flowers are larger and the color much superior to the original Premier. It retains its deep pink color during the short days in December and January, and is a splendid Midwinter growing Rose. If you grow Premier, by all means try Matchless and you will be delighted with it on account of its superiority to the parent in every way.



BRIARCLIFF (See page 44)



TEMPLAR

MRS. AARON WARD

A general favorite; rather short in bud, but wonderfully free flowering. In the bud state color is a beautiful, rich yellow, which changes to shades of pink as the flower develops.

SUNBURST

A very fine orange-yellow Rose, which we introduced many years ago, and which is still grown very satisfactorily in many establishments.

TEMPLAR

A clear even shade of red, and a color that stays even at all times. Very productive and fragrant and a fine winter growing variety.

STANDARD VARIETIES of ROSES for FORCING**GRAFTED**

Size	Per plant	Per doz.	Per 100
2 $\frac{1}{4}$ -inch	\$0.50	\$5.00	\$40.00
3 -inch60	6.50	50.00
4 -inch75	7.50	60.00

CARNATIONS—STANDARD VARIETIES

Owing to the unsatisfactory manner in which rooted cuttings of Carnations travel, and the heavy losses sustained on such shipments, we are not accepting orders for rooted cuttings any longer. All of the varieties listed below we can furnish from 2½-inch pots and guarantee them to reach our customer in good condition and give satisfaction.

Prices: 40c. each per plant, \$4.00 per doz., \$25.00 per 100, except where noted.

Pink

BETTY LOU. An improved Mrs. Ward with the same bright pink color. A splendid keeper and shipper.

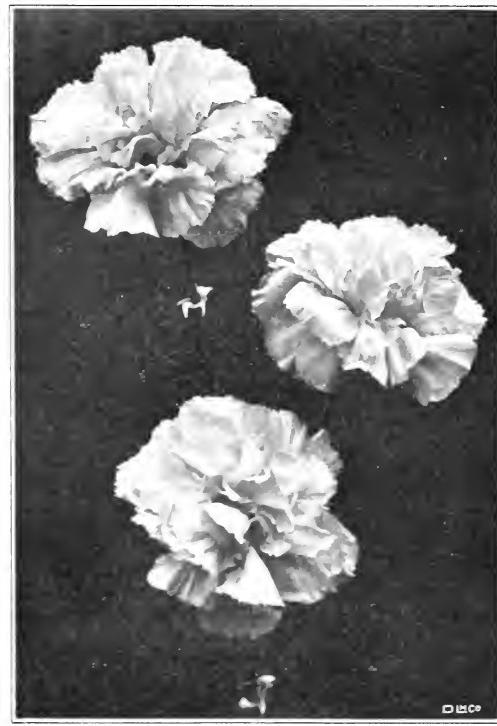
LADDIE. The color is a warm rose-salmon-pink; the flowers average 3½ inches in diameter, when it is at the proper stage for cutting, and develops to 4½ inches in Winter.

PINK MATCHLESS. Bright pink sport from White Matchless, very free flowering, and a good grower. \$3.00 per doz., \$20.00 per 100.

WINSOME. Much darker in color than Mrs. C. W. Ward. Very free blooming variety, splendid habit of growth; long, stiff stem, early and continuous bloomer. One of the very finest deep pink varieties introduced in many years. \$3.00 per doz., \$20.00 per 100.



LADDIE



WINSOME

White

MATCHLESS. Well named the Matchless White. Blooms early and continuously, easy to handle, and very free. Flowers extra large and wonderfully fragrant. \$3.00 per doz., \$20.00 per 100.

Scarlet

RED MATCHLESS. A variety that is being grown more generally each year. Duplicate of Matchless in every way, except color, and this is a splendid bright red. \$3.00 per doz., \$20.00 per 100.

SPECTRUM. A vivid deep scarlet with non-splitting calyx, and very free flowering. \$3.00 per doz., \$20.00 per 100.

Yellow

MAINE SUNSHINE. This variety is a clear yellow seedling. Its chief point of superiority is its splendid vigorous habit. Most yellow Carnations introduced heretofore have been lamentably deficient in constitution and Maine Sunshine is very popular on account of its fine growing qualities.

Novel Shades

ROYAL. Magenta purple and very much sought after for table decoration on account of its unusual color.

TENDER BEDDING and GREENHOUSE PLANTS

AGERATUM FRASERI

One of the most valuable acquisitions to the bedding plant line in recent years. It only grew about 8 or 10 inches high and was covered the entire Summer with immense trusses of flowers. The plants spread about 12 to 15 inches across. Being an early bloomer and dwarf, compact grower, it makes an excellent pot plant.

Price: 2½-in. pots, 25c. per plant, \$2.50 per doz.,
\$15.00 per 100. Larger sizes on application.

AMARYLLIS HYBRIDS

This flower is wonderfully popular, as shown by the exhibitions of the Department of Agriculture, year after year. The show in Washington, D. C., in the early Spring, draws thousands of admirers of this splendid plant. We have a nice lot of flowering size bulbs to offer of the choicest selections of all colors from the American and European collections.

Price: \$1.25 each, \$12.00 per doz.,
\$90.00 per 100



AMARYLLIS



Buddleia Asiatica

BUDDLEIA ASIATICA

This Buddleia differs from Variabilis and others of its type, in that it is not hardy and requires protection. It begins to bloom in December and continues to do so throughout the Winter season, if the plants are kept growing in a warm house. It produces long spikes of the most beautiful white flowers which have a delightful lilac fragrance.

Price: \$3.00 per doz., \$20.00 per 100

BUDDLEIA FARQUHARI

This new Winter-flowering Lilac is the first authentic hybrid in the genus. It is of easy culture, flowers during December and January, and is valuable for conservatory and house decoration and as cut flowers.

Price: 2½-inch pots 50c. per plant,
\$5.00 per doz., \$35.00 per 100

EUCHARIS GRANDIFLORA (Syn. Amazonica)

We have a few very fine plants of this old but favorite plant in six- and eight-inch pots. When favorably situated, old established plants of Eucharis will bear two or three crops of flowers in the course of a year.

Price: \$5.00 each., \$50.00 per doz.

EUPHORBIA JACQUINIAEFLORA (Fulgens)

One of the finest and most useful plants that can be grown for Midwinter flowering. It is always a pleasing sight in the large floral shops around Christmas. The lovely, small orange-scarlet flowers are produced on long, graceful sprays that are adaptable for any decoration.

Price: 50c. each., \$5.00 per doz.,
\$35.00 per 100

TENDER BEDDING AND GREENHOUSE PLANTS -Continued

FERNs (For Fern Dishes)

Assorted Ferns in all the best varieties: CYRTOMIUM falcatum, PTERIS mayi, P. cretica, P. albolineata, P. adiantoides, etc.

Price: 2½-inch pot plants, \$1.50 per doz.
\$10.00 per 100

GERBERA (Jamesoni Hybrids)

Frequently known under the name of the Transvaal Daisy. These Hybrids give a variety of color, but the predominating color is a brilliant scarlet. Produces beautiful Daisy-like flowers about 4 inches across on stems about 15 to 18 inches long. It can be grown outdoors during the Summer and early in the Autumn lifted and potted and placed in a warm greenhouse, where it will bloom throughout the Winter months.

Price: 75c. per plant, \$7.50 per doz.,
\$50.00 per 100

STANDARD TREE HELIOTROPE

We have a limited number of Standard Heliotrope plants about 4½ feet to 5 feet high with immense trusses of bloom 8 to 10 inches across, which we offer this season. These are very charming subjects for a Rose or hardy garden, and they will bloom practically the entire Summer, in addition to being exceptionally fragrant at all times. We do not recommend these standard Heliotrope being planted out in the garden before June. If taken in the conservatory before frost they will continue to bloom during the Winter.

Price: \$5.00 per plant, \$50.00 per doz.



GERBERA JAMESONI HYBRIDS



TREE HELIOTROPE

TENDER BEDDING AND GREENHOUSE PLANTS—Continued

HELIOTROPE CENTEFLEUR

Deep blue in color with conspicuous white eye. Our first introduction in the Heliotrope line and a very strong, vigorous grower. It is the most robust of all the varieties and will sometimes grow 2 feet in height in favorable locations.

HELIOTROPE ELIZABETH DENNISON

A clear Windsor blue in color with large individual trusses of flower growing about 15 inches high. Is also wonderfully fragrant. Won the Medal of Honor at the Panama Pacific Horticultural Exposition in 1915.

HELIOTROPE ROYAL FRAGRANCE

A deep, rich violet-blue Heliotrope, very dwarf in growth, about 10 inches high. The individual trusses of this variety measure from 15 to 18 inches across and the plants are very bushy in habit. Royal Fragrance is marvelously fragrant, as the name implies. Grown in a solid bed, it will bloom continuously from early June until frost. As a border plant it is unsurpassed, and the many letters of commendation we have received on this particular variety indicate that the demand this year will exceed the supply. We suggest early ordering.

PRICE OF ABOVE VARIETIES

	Each	Doz.	100
2½-inch pots	30c.	\$3.00	\$20.00
3 -inch pots	40c.	\$4.00	\$30.00
4 -inch pots	50c.	\$6.00	\$40.00

LEMON VERBENA (*Aloysia citriodora*)

A well-known garden plant, appreciated for the sweet lemon-scented foliage, which is extensively used to impart a sweet scent to bunches of flowers lacking in a scent of their own. It is also used in flavoring jellies.

Price: 2¼-inch pots, \$1.50 per doz.,
\$10.00 per 100

MOSCHOSMA RIPARIUM

A tender sub-shrub, flowering in wonderful profusion in the greenhouses in January and February. The individual flowers are white, very delicately shaded pink. It is particularly valuable as a spray used with other flowers in the Wintertime in place of Gypsophila, and the individual flowers are about the same size but more closely placed on the spray.

Price: 50c. each, \$5.00 per doz.,
\$35.00 per 100

PYCNOTACHYS (Dawei)

(The Blue Beebalm Flower)

A unique and beautiful blue Winter-flowering plant, blooming at a time when blue flowers are very scarce. The plant is an easy propagator, flowering from December to March. It lasts a considerable time in water or on the plant and is almost the only plant we have of its shade blooming during the Winter months under glass. Delivery June 1st.

Price: 50c. each per plant, \$3.00 per doz.,
\$20.00 per 100



HELIOTROPE

TENDER BEDDING AND GREENHOUSE PLANTS—Continued

SALVIA AMERICA

Differs from other types as it is a perpetual bloomer. It can be brought into flower for Christmas, Easter or any other desired time. It is just as free blooming as any other variety, and the color is a brilliant glowing scarlet, with very bright green foliage, making a gorgeous contrast.

Price: 25c. per plant, \$1.50 per doz.,
\$10.00 per 100

WINTER AGERATUM

(Erlangea tomentosum)

A Winter-flowering plant with lavender Ageratum flowers, and wonderfully fragrant foliage. As a Winter cut flower it is very popular, flowering from December to April. Delivery June 1st.

Price: 50c. each per plant, \$3.00 per doz.,
\$20.00 per 100



MIGNON DAHLIAS

MIGNON DAHLIAS

These are unsurpassed for bedding plants where quantities of flowers are required during the Summer months. These single flowered Dahlias attain a height of about 18 inches and begin to flower early in June and continue to do so until frost. We are unable to supply separate colors, but can supply them in an assortment containing white, yellow, pink, bronze and red. The tubers should be set out about 18 inches apart early in June either in the border or in solid beds, just as preferred. Where one desires a great deal of color throughout the Summer months, we strongly suggest Mignon Dahlias be grown. Tubers only.

Price: \$3.00 per doz., \$20.00 per 100.

GLADIOLUS

CULTURAL DIRECTIONS

Soil should be well prepared in the early Spring, with a good coating of agricultural lime and bonemeal thoroughly worked into the soil, but fresh stable manure should be used only where the ground can be manured the previous Fall and well worked over in the Spring before planting.

Planting for cut flowers should be made in rows 18 inches apart, with bulbs 3 inches apart in the row, covering from 4 to 6 inches, according to the size of the bulbs; press the earth firmly around each bulb. Care should be taken to plant the bulbs right side up, and deep enough so that the new bulb, which forms on top, will not be pushed too near the surface. For succession of bloom, plant from the time the ground can be worked until July 1st.

In cutting the flower spikes, it is ruinous to cut the stalk where the flowers end. There must be some foliage to lend grace. Cut the spikes so as to leave two or three leaves on your bulb root, thus giving you a flower spike sometimes nearly 4 feet long, leaving plenty of strength for the bulb and beauty for the decoration.

In shipping cut blooms of the Gladiolus, it is absolutely essential that they be shipped dry, after standing for a while in water.

NAMED VARIETIES OF LARGE FLOWERING TYPE

Varieties marked with asterisk (*) are particularly fine for forcing.

ALBANIA. Pure silver white, with edge of petals daintily ruffled. Faint pink markings on tips of petals. An exceptional variety for every use. \$3.00 per doz., \$20.00 per 100.

***AMERICA.** Too much cannot be said of this beautiful dainty pink. The flowers are of immense size and of wax-like texture, borne on a very strong spike. 60c. per doz., \$4.00 per 100.

ANNA EBERIUS. Beautiful dark velvet rhodamine-purple, throat dark amaranth-purple, faintly ruffled. This is one of the best of its color and is very popular. A strong grower, but one for which the demand is greater than the supply. \$2.00 per doz., \$15.00 per 100.

BARON JOSEF HULOT. One of the finest blue Gladiolus. A deep violet blue with well-opened flowers. \$1.50 per doz., \$10.00 per 100.

BYRON L. SMITH. Lavender pink on white ground, equal to a choice Cattleya Orchid. \$2.00 per doz., \$15.00 per 100.

BLUE BIRD. Grayish-blue, flaked with violet-purple, with large, dusky dull violet blotch, edged yellow. \$2.25 per doz., \$15.00 per 100.

CARMEN SYLVA. One of the best of the white varieties. A pure white except for slight violet markings deep in the throat; tall, slender stem, always straight; flowers well arranged on the spike. Every lover of the Gladiolus should get a start with this variety. \$1.25 per doz., \$7.00 per 100.



ANNA EBERIUS

CATHERINE. A grayish-lavender, throat darker with a mahogany red blotch. A very attractive variety; flowers not large, but of good substance and good form. \$2.00 per doz., \$15.00 per 100.

CHARLEMAGNE. A French novelty, of magnificent sunrise-red, marked in throat with creamy white, blazed plum. A most desirable variety. Large flowers on massive spike. \$3.00 per doz., \$22.00 per 100.

CONSPICUOUS. Beautiful gray-blue, with darker throat markings and a fine penciling of yellow. Very attractive. \$2.00 per doz., \$15.00 per 100.

CRACKERJACK. Large flowers of rich, velvety dark red, throat spotted with yellow and dark maroon. 75c. per doz., \$5.00 per 100.

CRIMSON GLOW (Betscher). By far the most beautiful red Gladiolus yet on the market. A perfect scarlet of a deep tone. Very large, open flowers of the finest form and exceedingly well placed on the spike. \$1.00 per doz., \$7.50 per 100.

***DAWN** (Tracy's). The most beautiful coral pink Gladiolus ever offered. A long, graceful spike of magnificently formed flowers, all open at one time. Its color and texture make it indispensable as a cut flower and for bedding. \$3.00 per doz., \$20.00 per 100.

DESDEMONA. Immense flowers of ashy-rose color, striped violet; large, dark red blotch, edged with ivory white. \$5.00 per doz., \$35.00 per 100.

E. J. SHAYLOR. Tall, very strong plant, large blooms. Beautiful, clear deep rose-pink. \$1.00 per doz., \$7.00 per 100.

EVELYN KIRTLAND. Companion to Gretchen Zang. Charming rose-pink blooms, very long stalk. \$2.00 per doz., \$15.00 per 100.

GLADIOLUS—Continued

FLORA. One of the best yellows. Pale corn-yellow with delicate lines on lower petals. Very fine spikes of open flowers. Splendid for both house and garden. \$2.00 per doz., \$15.00 per 100.

GOLD. A pure yellow variety. \$2.00 per doz., \$15.00 per 100.

GOLDEN MEASURE. A famous exhibition yellow, but a slow propagator. Very tall and strong with large flowers and of great lasting quality and heavy texture. \$2.00 per doz., \$15.00 per 100.

***HALLEY.** A most attractive early blooming sort, with large, well opened flowers of delicate salmon-pink. Similar in type to the popular Mrs. Francis King. 75c. per doz., \$5.00 per 100.

HERADA. A novelty of true merit. An intense phlox color, shaded pure purple. A tall grower with large flowers, many open at one time. \$2.00 per doz., \$10.00 per 100.

LE MARECHAL FOCH.

Very large, heavily ruffled, salmon - pink, stem tall, stout, straight. \$1.50 per doz., \$8.00 per 100.

***LILY LEHMAN.** No white Gladiolus equals this variety. A Lily in both name and form, of a pure glistening white, with just a tinting of pink on tips of petals. \$2.00 per doz., \$15.00 per 100.

L'IMMACULEE (New). A truly wonderful spike of pure white flowers, with wax-like texture and with great keeping qualities. \$1.50 per doz., \$10.00 per 100.

LOVELINESS. This variety produces flowers of distinction in daintiness and beauty, as the name implies. Color a clear, cream-tinted sulfano-pink. \$2.00 per doz., \$15.00 per 100.

MARY FENNEL. One of the patricians of the garden. Beautiful light lavender flowers on a tall, slender spike, lower petals penciled with primrose-yellow. \$2.00 per doz., \$15.00 per 100.

MARY PICKFORD. White, lower petal suffused primrose in throat. This variety is very unique in having a stem and the calyx of the flowers almost white. Very distinct and beautiful. \$3.00 per doz., \$20.00 per 100.

**CRIMSON GLOW**

MRS. DR. NORTON. A pure, soft white with tips of petals suffused La France pink. Quite the most beautiful variety of this type on the market. Highest awards in its class wherever shown. \$2.00 per doz., \$10.00 per 100.

***MRS. FRANCIS KING (The original).** A most beautiful "Besnard shade" flame pink. Immense flowers on a spike growing 4 feet high, with from eighteen to twenty flowers, six to eight open at one time. A magnificent variety. 60c. per doz., \$4.00 per 100.

***MRS. FRANK PENDLETON.** A spectacular variety, producing large well expanded flowers; light pink, heavily blotched with blood red in throat. \$1.00 per doz., \$7.50 per 100.

***MRS. WATT.** Glowing American Beauty shade, self color, well-opened flower. Nearly all flowers open at one time, spike very erect and not too stiff. Very distinct variety. \$1.00 per doz., \$7.50 per 100.

NANCY HANKS. A new California offering. Beautiful flowers of soft yellow, overlaid peach salmon. Very fine open flowers on graceful spike. \$1.00 each, \$10.00 per doz.

NIAGARA. A light crocus-yellow, throat shaded deeper. Large open flowers on a strong spike. For color, texture and keeping qualities this Gladiolus is one of the very best. \$1.00 per doz., \$7.50 per 100.

NORA. Beautiful lavender-blue with darker spot on lower petals. \$2.00 per doz., \$15.00 per 100.

***PANAMA.** The companion to America, which has become very popular. A perfect hermosa-pink in color with large, wide open wax-like flowers. \$1.00 per doz., \$7.50 per 100.

***PEACE.** A grand white flower, very large, with pale violet feathering on inferior petals; flowers correctly placed on a tall, graceful spike. Plant early as it blooms late. \$1.00 per doz., \$7.00 per 100.

***PINK PERFECTION.** In color a true La France pink. Its soft coloring and magnificent bloom make it one of the choicest of the newer varieties. \$2.00 per doz., \$15.00 per 100.

***PRINCE OF WALES.** A clear grenadine-pink or deep buff, with throat markings of a deeper tone. The tips of petals shaded darker or apricot-buff. A novelty of great value; eight or ten blooms open at one time on a long, graceful spike. \$2.00 per doz., \$10.00 per 100.

GLADIOLUS—

Continued

PRINCEPS (Known as the Thousand Dollar Gladiolus). Amaryllis-like flowers of a rich, dark scarlet, marked with white on the lower petals. Foliage of a beautiful dark green and very attractive. \$2.00 per doz., \$15.00 per 100.

REV. EW BANK. Light lavender-violet, edges and reverse deeper lavender violet, mid-rib white, lower petals blotched cream, flaked with red-violet. Grows light with age. Stems inclined to be curved, but the coloring is so good that it continues to be one of the favorites. \$3.00 per doz., \$20.00 per 100.

ROSE ASH. Medium old rose, lower petals canary-yellow sprinkled and spotted old rose fluted petals. \$3.00 per doz., \$20.00 per 100.

SCARLET PRINCEPS. Scarlet-red, fading to rose-doree in throat. Many large, round blooms open at one time. A prize winner. \$2.00 per doz., \$10.00 per 100.

SCARLET WONDER. 4 to 5 feet high, with broad, stalky dark green foliage and compact truss of great rich velvety scarlet, fiery crimson flower. \$6.00 per doz., \$40.00 per 100.

SULPHUR KING. A long spike of clear sulphur-yellow flowers. \$2.50 per doz., \$20.00 per 100.

WAR. Deep blood - red, shaded crimson-black, wide open flowers. \$1.50 per doz., \$8.00 per 100.

AMATEUR MIXTURE

Includes all the best varieties selected from the collections of the best hybridizers and growers of both American and European countries. All varieties have been selected with a view of eliminating all colors which do not harmonize either in cut flowers or garden planting, giving a most interesting and satisfactory mixture to grow. \$5.00 per 100, \$40.00 per 1000.



ROSE ASH

NAMED VARIETIES OF PRIMULINUS HYBRIDS

Primulinus Hybrids, about which so much is written, is truly the coming Gladiolus. Exquisite shades of all colors from terra cotta, through bronze, copper, rose, pink, saffron, apricot, buff, a few lavenders, and down the color scale to white. Their beauty is hard to describe, but to see them is to want them, not by the bulb, but by the hundred. Smaller than the other types of Gladiolus, the daintiness of form, and arrangement on the spikes, add to their decorative value.

ALICE TIPLADY. The Queen of the Primulinus type. A soft, coppery bronze. In color, texture, and contour nothing surpasses this variety. \$1.50 per doz., \$10.00 per 100.

ALTAIR. Extra tall, finest salmon saffron. An entirely new shade and very beautiful. Early. \$2.50 per doz., \$15.00 per 100.

BUTTERBOY. Pure buttercup-yellow, of perfect form. \$3.00 per doz., \$22.00 per 100.

BUTTERFLY. Salmon-pink, tinted yellow, ruffled edge. A very exquisite flower. \$1.00 per doz., \$7.50 per 100.

CAPELLA. Peach-red, with lower petals soft yellow, marked with carmine stripe. \$1.50 per doz., \$10.00 per 100.

DOROTHY WHEELER. Fine pink, same style as Alice Tiplady. \$1.50 per doz., \$10.00 per 100.

GLADNESS. Delicate blooms of perfect form and of clear lavender coloring, with darker spot on lower petals. \$5.00 per doz., \$40.00 per 100.

GOLD DROP. An extra large, pure deep yellow, with beautiful red line on petals. \$2.00 per doz., \$15.00 per 100.

MAIDEN'S BLUSH. Enchantress pink flowers of finest form on stiff, slender stalk. Quite the most beautiful pink variety. \$1.00 per doz., \$8.00 per 100.

MIDSUMMER DREAM. Splendid deep geranium-rose flowers on a very graceful spike. Especially fine for home use. \$2.50 per doz., \$20.00 per 100.

MING TOY. Deep buff-yellow, large flowers of finest form. \$2.00 per doz., \$15.00 per 100.

TOTTY'S GLADIOLUS, MADISON, NEW JERSEY

NAMED VARIETIES OF PRIMULINUS HYBRID GLADIOLUS—Continued

MYRA. Giant flowered, beautiful salmon over cream ground, yellow throat with pink line, one of the best Primulinus hybrids. 75c. per doz., \$5.00 per 100.

NORTH STAR. Delicate yellow flowers of clear canary-yellow, not a large flower but most effective in mass planting or large arrangements. \$1.50 per doz., \$10.00 per 100.

PRIMULINUS. A rare species from Victoria Falls, South Africa. Small flowers of a primrose-yellow. Fine in the border with perennials. \$1.00 per doz., \$7.50 per 100.

PRIMUNELLA. Wide open butterfly blooms of softest rose-pink with clear cream throat, no markings. One of the best. \$5.00 per doz., \$40.00 per 100.

SALMON BEAUTY. Shrimp pink, suffused peach rose, with delicate yellow throat. Very fine. \$1.50 per doz., \$10.00 per 100.

SCARLETTA. Soft red rose; a most unusual coloring. \$2.00 per doz., \$15.00 per 100.

SHELL-PINK. La France pink, paler in throat, deepening to Geranium-pink on outer edges and reverse; mid-rib almost white. A large, massive spike with two rows of blooms that face up well, and many open at a time. This is a Primulinus that does not show the hooded form. Very massive and grand appearing. \$6.00 per doz., \$45.00 per 100.

SOUVENIR. Deep clear yellow, finest of its shade in this type. \$2.00 per doz., \$15.00 per 100.

***PRIMULINUS HYBRID MIXTURE.** Obtained by crossing the species Primulinus with the larger varieties. They have retained all the daintiness and gracefulness of their Primulinus parent, even to the "hood" formed by the drooping of the upper petal, and have an added beauty of exquisite coloring, from the softest primrose to a beautiful rose. 75c. per doz., \$5.00 per 100.

*For the convenience of our customers in carrying out
color schemes in their gardens we have grouped
the varieties under separate colors*

PINK SHADES

AMERICA	MRS. FRANK
DAWN	PENDLETON
EVELYN KIRTLAND	PANAMA
HALLEY	PINK PERFECTION
LE MARECHAL FOCH	PRINCE OF WALES
LOVELINESS	SHELL-PINK
MRS. F. KING	TWOTINT
MRS. DR. NORTON	WILD ROSE

YELLOW

FLORA	GOLD DROP
GOLD	SULPHUR KING
GOLDEN MEASURE	

FLAME AND ORANGE

Alice Tiplady	Salmon Beauty
Altair	

WHITE

ALBANIA	L'IMMACULEE
CARMEN SYLVA	PEACE
LILY LEHMAN	

SCARLET AND CRIMSON

CRACKERJACK	SCARLET PRINCEPS
CHARLEMAGNE	SCARLET WONDER
CRIMSON GLOW	WAR

VIOLET AND BLUE SHADES

BARON HULOT	MARY FENNEL
BLUE BIRD	NORA
CATHERINE	REV. EW BANK
CONSPICUOUS	

ODD SHADES

ANNA EBERIUS	MRS. WATT
DESDEMONA	MYRA
HERADA	

ROSES FOR OUTDOOR PLANTING

Cultivation of Roses

If these cultural directions are faithfully followed, they will insure success.

The Soil.—Any good garden soil is suitable for Roses, providing it is well drained and rich in fertilizing elements. Cut the plants back well when they are first planted, about 6 inches from the ground, and after the Roses are planted, they should be well firmed in the soil with the foot. This will prevent the roots working up to the top of the soil. Hybrid Tea Roses can be planted 18 inches apart; the Perpetuals 2 feet apart; Climbers, 4 to 6 feet apart, depending on the variety and the object desired. Be sure you do not permit any fresh manure to be used at the roots of the plants, as this will burn the roots.

Mildew and Black Spot.—Sulphur lead dust, applied every two weeks, from May to Fall, or Bordeaux mixture—5 ounces powder to 1 gallon of water. (This discolors foliage lightly.)

For Sucking Insects—*Aphis, etc.*, that curl the leaves and spoil the buds.—1 teaspoon Blackleaf 40, 1 ounce laundry soap, melted, 1 gallon of water.

For Leaf-eating Insects, Worms and Beetles.—1 ounce arsenate of lead, $1\frac{1}{2}$ gallons of water.

Combination Fungicide and Insecticide.—Pyrox, Bordeaux mixture and arsenate of lead, 5 ounces of Pyrox to 1 gallon of water, 1 teaspoonful of Blackleaf 40.

Fertilizers.—The Springfield Rose Food may be applied once a month, one handful to each bush, well raked in. If possible to procure some well-rotted cow manure, put on during August as a mulch, or apply liquid cow manure diluted until it is the color of strong tea, one small dipperful to each bush twice a month until September 1st.

Watering.—Soak the beds once every ten days and spray plants twice a week with as much force as possible with a nozzle on the hose. This helps control insects and keeps the wood soft enough to grow. This should be done early in the morning or sufficiently early in the afternoon so they will not be wet over night.

Cultivation.—Stir the soil frequently, but do not cultivate deeper than 2 to 3 inches as the fine feeding roots must not be disturbed.

Pruning.—The blooms must be cut off so as to induce new, strong shoots. The best shoots that make long-stemmed Roses come from the lowest 6 inches of the bush, so prune severely if long stems are desired. Do not prune after September 1st, as the new growth thereafter will be too soft to live over the Winter.

Protection.—Before the ground freezes, the soil should be drawn up to the base of the plant in a mound 7 to 8 inches high. After the ground has frozen cover the entire bed with straw or dry leaves, placing evergreen boughs on the top to prevent the leaves blowing away. Do not uncover too early, as the Spring sun and winds cause great damage. When so protected, even the most tender varieties of Hybrid Tea Roses are entirely hardy as far north as Winnipeg.



AMERICA



HOOSIER BEAUTY

Totty's Best \$ 10.00
Dozen Roses for

TOTTY'S BEST

AMERICA

Blooms continuously from early June until heavy frost on stems $2\frac{1}{2}$ to 3 feet long, and the color is the most glorious glowing rose-pink imaginable. The buds are long and pointed, and open up most artistically as the outer petals fold back, leaving the high pointed center fully exposed.

DUCHESS OF WELLINGTON

Intense, saffron-yellow, stained crimson, long pointed flowers, of wonderful fragrance and very productive.



RADIANCE

The following Roses are selected as being depended on to give good results in practically

This is a list we particularly recommend different varieties and still have no opportunity flower. We are making a special price on the will be fine, strong stock, guaranteed by us to listed on following pages.

HOOSIER BEAUTY

A rich, velvety crimson in color with deeper shadings. It is as fragrant as Richmond, has more petals and better keeping qualities.

INDEPENDENCE DAY

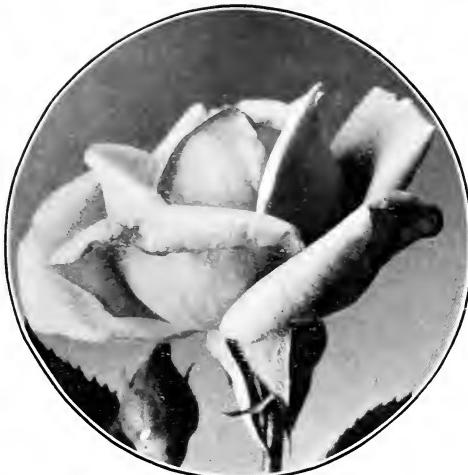
A novel, flaming yellow, shaded copper. When fully opened is a bright orange pink, very fine, strong grower, producing quantities of flowers throughout the season.

JULIET

A brilliant pink and gold variety that for years has been grown in many Rose gardens and always retained on account of its marvelous coloring.

KAISERIN AUGUSTE VIKTORIA

Creamy white, immense substance, petals smooth and nicely arranged. A popular variety.



RED RADIANCE



MADAME BUTTERFLY

Totty's Best \$ 10.00
Dozen Roses for

DOZEN ROSES

a dozen varieties that can be absolutely de-all sections of this country.

for amateurs who wish a good collection of the to make their own selection from plants in following dozen for \$10.00, and all of the plants give satisfaction. Prices on individual plants

LADY ALICE STANLEY

The outside petals are a deep rose-pink, inside pale flesh, slightly flushed with a deeper shading, a most beautiful color combination. One of the most fragrant Roses in existence.

MADAME BUTTERFLY

A glorified Ophelia. It is altogether more vigorous in growth than its parent Ophelia, as grown side by side in our establishment.

MISS LOLITA ARMOUR

Deep coral-red with a golden coppery-red suffusion. Base of petals rich golden yellow with coppery-red sheen. One of the most fragrant of the entire list of garden Roses.

RADIANCE

A splendid and popular Rose, deep pink in color. Will produce 3-foot breaks without pinching, almost mildew-proof, and a wonderfully fine Rose to handle.

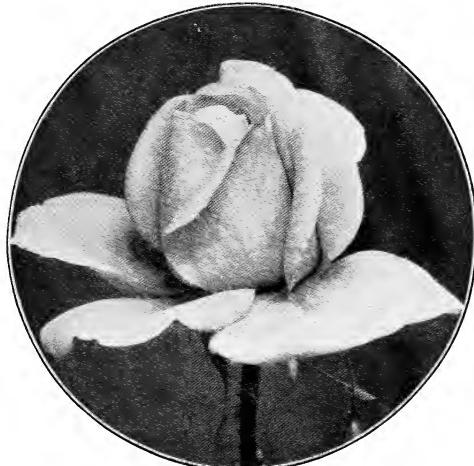
Note: Should we be sold out of any one variety, we reserve the right to replace with another variety of similar color if necessary.

RED RADIANCE

A duplicate of its parent in every respect save color, which is a brilliant red; very free flowering in habit and vigorous in growth. A wonderful variety in every way and a welcome addition.

SOUVENIR DE CLAUDIUS PERNET

Still the premier yellow Rose for the garden. This variety is a clear shining yellow with very glossy foliage. The growth of the plant is sturdy and clean, and it has made a mark for itself in all sections of the country as being the yellow Rose of the century.



SOUVENIR DE CLAUDIUS PERNET

NEW AND LITTLE KNOWN VARIETIES

Price: \$2.50 per plant, \$25.00 per doz.

DAME EDITH HELEN

The plant possesses a strong, vigorous constitution, with large, healthy, dark green foliage. The flowers are produced singly on well foliated strong canes and are of immense size, composed of very substantial, broad petals which curl back prettily, forming a wonderful long-pointed bud, which develops into a full, double flower, and is absolutely perfect in every stage of development. The color is a brilliant, yet soft Rose du Barri pink and is delightfully and strongly sweet-scented.

LADY MARGARET STEWART

Another marvelous introduction of Alexander Dickson & Sons, awarded the Gold Medal of the National Rose Society of England, at the 1926 Spring Show. A Rose of unique and distinct color, the flowers in the young stage are a deep sunflower yellow heavily veined and splashed with orange-scarlet, with the reverse of the petals deeply suffused with carmine. As the flowers develop, these colors intermingle forming a most beautiful cadmium orange effect. The bud is long and pointed, opening to a full, double flower, of most pleasing decorative form, of delightfully sweet scent.



DAME EDITH HELEN

MARGARET McGREDY

(McGredy & Sons, 1928)

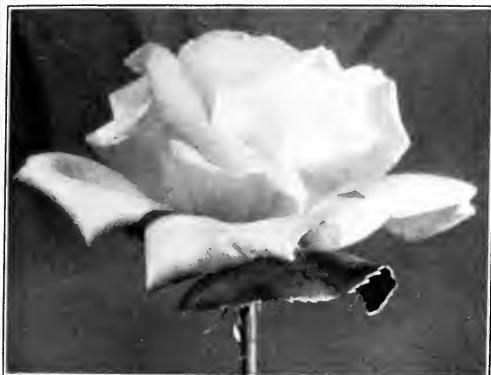
Now offered for the first time. This is the third season that we have had this wonderful Rose under observation, and we consider it one of McGredy's most brilliantly colored masterpieces. Large, beautifully shaped, full, double flowers, entirely distinct from all others in its rich coloring, which is a brilliant shade of Turkish or Oriental red, passing as the flowers age to a beautiful carmine rose. These are borne on long, stiff stems and hold their form and beauty for a long time.



MARGARET McGREDY

LADY MARGARET STEWART



NEW AND LITTLE KNOWN VARIETIES—*Continued*

Gaiety



Mrs. A. R. Barracloough

GAIETY

A seedling of the ever-popular Pernet, possessing all of the good qualities of the parent, and none of its defects. The foliage is evergreen, and particularly strong. The flower is huge in size and a beautiful shade of orange-bronze in bud, which becomes lighter as the flower ages. Won the silver medal at the New York Show.

FLOREX

A lovely shade of watermelon-pink, throwing long stems of flowers in great profusion. When this variety is better known, it will be in great demand.

MME. ALEXANDRE DREUX

Golden bronze with scarlet shadings, the most superb and striking color ever seen in a Rose. Clean, healthy grower and very free flowering all through the season.

Price: \$2.50 per plant, \$25.00 per doz.

MRS. A. R. BARRACLOUGH

Pink sounds uninteresting in a Rose, there being so many of this shade, but in this new variety we have a most distinct and valuable addition of a bright but soft sparkling carmine-pink of an even shade, passing to yellow at the base of the petals. The color does not fade as the flower ages, but appears to become brighter. The bud is long and perfect, and develops into a full, double flower of great size and substance; very fragrant.

FRANK READER

It is a large, massive flower with high-pointed center, with nicely reflexing petals of great substance, the long buds in first developing are a light lemon-yellow, while the flowers in their half-expanded form reveal a heart of golden apricot; it has a delicious Rose-apple scent.



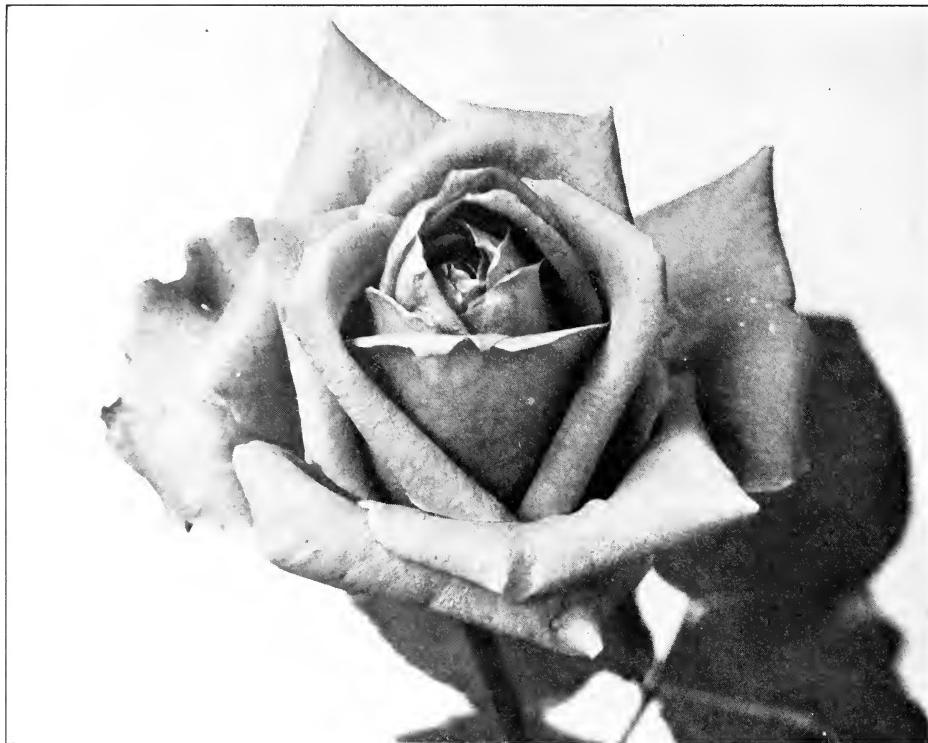
Florex



Mme. Alexandre Dreux



Frank Reader



MATCHLESS

MARY PICKFORD

(Howard & Smith, 1926)

A novel Rose of merit. In habit of growth, it is strong, vigorous, not unlike Souvenir de Claudius Pernet. Color, an exquisite shade of orange-yellow.

MATCHLESS

The deep, cerise sport of Premier. We predict that this Rose will take the place of Premier, as the flowers are larger and the color much superior to the original Premier.

If you grow Premier, by all means try Matchless and you will be delighted with it on account of its superiority to the parent in every way.

MRS. LOVELL SWISHER

As a garden Rose, will undoubtedly rank with such popular bedding varieties as Radiance, Red Radiance, Lady Ursula, Mrs. William C. Egan, etc. Color, deep salmon copper, merging to salmon pink at the tips of the petals.

PINK PEARL

A dainty variety always admired, which seems destined to become a universal favorite if it had nothing to recommend it but its delicious fragrance. In color, it is a brilliant, rich cerise-pink, the base of the petals touched with gold that lights up the flower wonderfully, particularly in the half expanded bloom. The flowers are full double, of perfect form and produced most profusely on plants of vigorous, healthy growth.

PATIENCE

(McGredy, 1924)

Another Gold Medal variety, entirely distinct; a brilliant, scarlet-carmine-lake; as the flower opens, the color is a deep orange at base, with orange-scarlet shadings. The flowers are large, of perfect form, and last a long time in perfection, delicately sweet scented. The plant is a strong grower of free-branching, upright habit, and a free and perpetual bloomer.

Price: \$1.50 per plant, \$15.00 per doz.

NEW AND LITTLE KNOWN VARIETIES—
Continued



RAPTURE

A much improved sport of Mme. Butterfly, as far ahead of Mme. Butterfly as Mme. Butterfly was of Ophelia. The growth is even freer than Mme. Butterfly and the foliage particularly handsome. The color is an exquisite salmon shade, deeper than the very best Butterfly, with the same golden flush at the base of the petals.

VILLE de PARIS

A rich, buttercup-yellow, much in the style of Mrs. Beckwith, but with longer buds and larger flowers, and purer in color. The plant is of vigorous growth and very free flowering.

Price: \$2.00 per plant,
\$20.00 per doz.

LORD CHARLEMONT

Bright scarlet-crimson, very free flowering Rose, a good shape and habit, and one that is destined to be very popular as soon as it is generally known. Has been called the best red Rose for outdoor culture introduced to date.

RAPTURE

BRIARCLIFF

A sport from Columbia, retaining all the good qualities of its parent, color more brilliant than Columbia, being a true rose-pink without any shadings whatever. Long-pointed bud, and very fragrant. Every bud of this variety is 100 per cent perfect. Abundant dark green foliage and habit of plant very vigorous.

Price: \$1.50 per plant, \$15.00 per doz., except where noted



TOTTY'S RED

This is a brilliant crimson in color which is an exact replica of Richmond. In addition to its beautiful color, it has the exquisite fragrance always associated with red Roses and has ample petalage to make it a large, beautiful Rose.

Price: \$1.50 per plant, \$15.00 per doz.



FONTANELLE

This beautiful variety is a seedling of Butterfly and Pernet, and the combination has resulted in a very variable colored Rose, which to my mind is its most attractive feature. Some of the flowers are quite heavily flushed with pink, others of a deep clear yellow, much deeper than Pernet, and others fade out to a lighter more even color.

Price: \$1.50 per plant, \$15.00 per doz.

NEW AND LITTLE KNOWN VARIETIES

SHOT SILK

A charming novelty, of superb colorings. Bright cherry pink, overshot salmon-orange, flushed rose with salmon base. Mildew-proof foliage. Free flowering, a fragrant and decorative Rose.

ANGELE PERNET

Described by the raiser as a vivid orange-yellow, shaded fiery deep reddish-apricot, it is a beautiful, sweet-scented flower that at once attracts attention.

CUBA*Pernet-Ducher, 1926*

As a bedding Rose of brilliant mass effect we know of nothing that will equal this French introduction and although the large flowers are almost single, they possess a charm and brilliancy in color which is an entirely new tone in Roses. A glorious, bright vermillion-scarlet, overlying an orange ground, this color combination is so intense that in full sunlight it glistens with an iridescent sparkle. A vigorous grower with dark green foliage which make a splendid foil for the masses of richly colored blooms which it produces from Spring to late Fall.

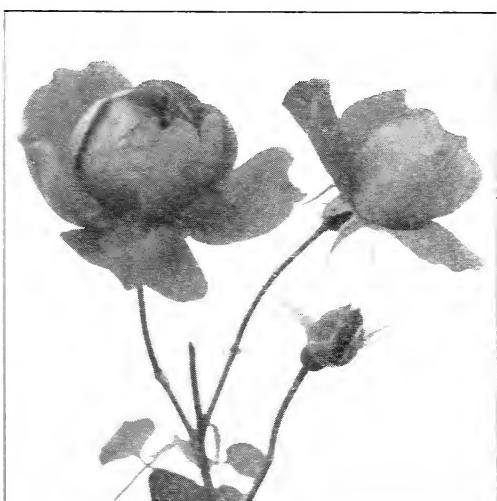
Price: \$1.50 per plant, \$15.00 per doz.



SHOT SILK

REV. F. PAGE ROBERTS

A most beautifully shaped, long bud, and a full, double flower of a rich orange-gold, shading to a saffron-yellow; growth vigorous and very free flowering. The most beautiful Rose of its color yet introduced.



CUBA



REV. F. PAGE ROBERTS



AMELIA de BETHUNE

Hardy Garden Hybrid Tea Roses

Bloom from June to November

Price: \$1.00 each per plant, \$11.00 per doz., \$90.00 per 100.

AMERICA

Blooms continuously from early June until heavy frost, on stems $2\frac{1}{2}$ to 3 feet long, and the color is the most glorious glowing rose-pink imaginable. The buds are long and pointed, and open up most artistically as the outer petals fold back, leaving the high-pointed center fully exposed.

AMELIA de BETHUNE

Color very much on the style of Mme. Edouard Herriot—coral red, shaded with yellow at the base—but a much larger, more double flower.

BETTY

Copper-yellow, overspread with golden rose; long, pointed buds.

BETTY UPRICHARD

Salmon-pink, shaded orange cerise.

CAROLINE TESTOUT

Salmon-pink, large and very free; one of the very finest Roses ever produced for any purpose.

CONSTANCE

Long, orange-yellow bud; streaked with crimson; large, full flower; a greatly improved Rayon d'Or.

HYBRID TEA ROSES—Continued



ELDORADO (Land of Gold)

COLUMBIA

One of the finest of the outdoor pink Roses so far introduced. The color is a glowing pink, and the flowers last longer than any other variety.

DUCHESS OF WELLINGTON

Intense saffron-yellow, stained crimson, long pointed flowers, of wonderful fragrance and very productive.

ELDORADO (Land of Gold)

An exact reproduction of Miss Lolita Armour in every way except color. This is of a golden yellow, with the petals slightly tinted red.

E. P. H. KINGMA

A "sport" from the popular Daily Mail Rose, Mme. Edouard Herriot; in color a wonderful rich, glowing deep orange shaded apricot, the flowers are semi-double, beautiful in bud form.

FELICITY

A beautiful shade of mallow pink, shading to cerise at the edge and a soft creamy suffusion at the base of the petals. A long bud developing into a splendid full sweet scented flower.

FRAU KARL DRUSCHKI

Pure snow white, long pointed buds, large, full flowers. Perpetual type.

FLORENCE PEMBERTON

Large, creamy white, flushed peach, very productive in Summer and Fall. Bright glossy foliage.

GENERAL MAC ARTHUR

Deep velvety scarlet; free and erect branching.

Price: \$1.00 per plant, \$11.00 per doz., \$90.00 per 100, except where noted.

GENERAL JACQUEMINOT

Brilliant scarlet-crimson; an old favorite and one of the best known Roses in cultivation; does well everywhere.

GOLDEN EMBLEM

A perpetual blooming Rose of deep orange when first opening, flushed claret-red, and opening to a pure sulphur-yellow. It surpasses Marechal Neil in form and striking color. Ideal in growth and habit; a most striking Rose.

GOLDEN OPHELIA

A clear, bright yellow in color, and while the individual flowers are not large, it produces quantities of blooms at all times.

GRUSS AN TEPLITZ

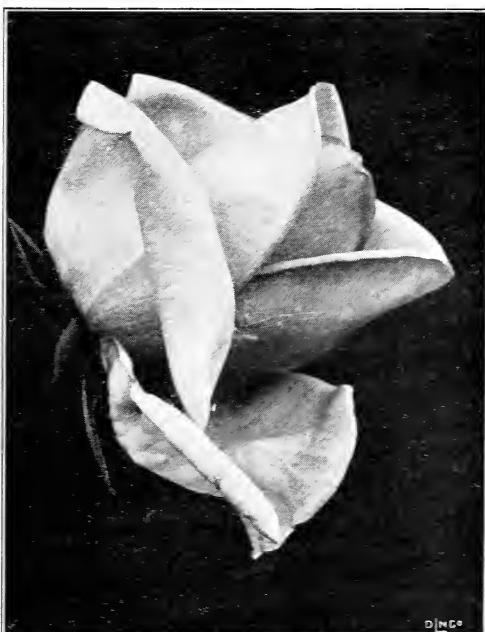
Brightest scarlet-crimson; splendid Rose for massing.

HOOSIER BEAUTY

A rich, velvety crimson in color with deeper shadings. It is as fragrant as Richmond, has more petals and better keeping qualities.

IMPERIAL POTENTATE

Splendidly shaped buds, opening to well formed, large double flowers of crisp, glistening rose-pink with silvery suffusion at the base of the petals; sweetly scented.



BETTY (See page 64)

HYBRID TEA ROSES—Continued



LOS ANGELES

INDEPENDENCE DAY

A novel flaming yellow shaded copper. When fully opened, is a bright orange pink, very fine, strong grower producing quantities of flowers throughout the season.

IRISH ELEGANCE

A single five-petal Rose of apricot shaded with coppery bronze. Very beautiful in its bud state.

J. K. L. MOCK

Inside of petals deep cherry-red with outer petals silvery pink; very large flowers borne on long, stiff stems. Has been a favorite of Rose lovers for many years, as it is so hardy and satisfactory in every way.

JULIET

A brilliant pink and gold in color; variety that for many years has been grown in many Rose gardens and always retained on account of its marvelous coloring.

KAISERIN AUGUSTE VIKTORIA

Creamy white, immense substance, petals smooth and nicely arranged. A popular variety.

KILLARNEY

Pale flesh pink, flushed deeper pink; very free and perpetual.

KILLARNEY BRILLIANT

A duplicate of the original Killarney in all respects, save color, which is far more intense and rich.

LADY HILLINGDON

Very free blooming and beautiful, even, coppery-yellow in color all through the year and particularly fine.

LADY ALICE STANLEY

The outside petals are a deep rose-pink; inside pale flesh, slightly flushed with a deeper shading, a most beautiful color combination. Blooms are very large and full, of great substance and productiveness and one of the most fragrant Roses in existence.

LOS ANGELES

Growth, very vigorous, flowers luminous flame-pink toned with coral, with lighter shadings at the base; buds are long and pointed and expanding to a flower of mammoth proportions.

LOUISE CATHERINE BRESLAU

Coral-red, shaded chrome-yellow, opening to a large, full flower of shrimp-pink, shaded coppery-orange.

MADAME BUTTERFLY

A glorified Ophelia. It is altogether more vigorous in growth than its parent Ophelia, as grown side by side in our establishment.



IMPERIAL POTENTATE (See page 65)

Price: \$1.00 per plant, \$11.00 per doz., \$90.00 per 100, except where noted.

HYBRID TEA ROSES --Continued

MARECHAL NEIL

One of the oldest yellow Roses grown. Very, very fragrant with lovely buds of deep rich yellow. Strong grower and profuse in bloom.

MME. EDOUARD HERRIOT

Color of this Rose is a gorgeous combination of reddish terra cotta and bronze, with flame shadings; almost impossible to describe; foliage bright and glossy and practically mildew-proof. Artists have raved over this variety for the past two seasons in Europe.

MME. JULES BOUCHE

One of the finest Garden Roses in the white section; of splendid form, and a very strong grower. We cannot too highly recommend Mme. Jules Bouche to any grower looking for a good white variety.

MISS LOLITA ARMOUR

Deep coral-red with a golden coppery-red suffusion. Base of petals rich golden yellow with coppery-red sheen. Strong growing habit and very free flowering.

MRS. REDFORD

One of the most distinctive and desirable Roses of recent introduction. Bright apricot-orange—one of the most lovely of this tone of color—an upright grower with holly-like mildew-proof foliage.

OPHELIA

Color clear, bright salmon, often deepening toward golden-pink; wonderfully fragrant, with long pointed buds and stiff stems. Growth free and continuous.



MME. EDOUARD HERRIOT

PADRE

Most attractive and novel in coloring, with long petals of a coppery-scarlet flushed with yellow at the base. Produced on long shoots. Growth strong and upright and exceedingly free flowering.

PREMIER

Rose-pink in color. The habit is perfect, the breaks come quickly and are of fine length, every one producing a flower.

QUEEN OF FRAGRANCE

Pale shell-pink tipped silvery pink, very free flowering and one of the most fragrant varieties introduced to date.

RADIANCE

A splendid and popular Rose; deep pink in color. Will produce 3-foot breaks without pinching, almost mildew-proof and a wonderfully fine Rose to handle.

RED RADIANCE

A duplicate of its parent in every respect save color, which is a brilliant red; very free flowering in habit and vigorous in growth. A wonderful variety in every way and a welcome addition.

ROSE MARIE

Clear brilliant pink. Was originally distributed as a forcing Rose but later proved itself such a wonderful acquisition as a garden Rose, it was and still is, used for this purpose almost entirely at this time.



PADRE

Price: \$1.00 per plant, \$11.00 per doz., \$90.00 per 100, except where noted.

TOTTY'S ROSES, MADISON, NEW JERSEY

HYBRID TEA ROSES—Continued



PREMIER (See page 67)

SOUVENIR DE CLAUDIOUS PERNET

Everyone who has grown Claudio Pernet is delighted with it, and the demand is still far ahead of the supply. This variety is a clear shining yellow, with very glossy foliage. The growth of the plant is sturdy and clean, and it has made a mark for itself in all sections of the country as being the yellow Rose of the century.



SOUVENIR DE CLAUDIOUS PERNET

Price: \$1.00 per plant, \$11.00 per doz., \$90.00 per 100, except where noted.

SOUVENIR DE H. A. VERSCHUREN

The color resembles Sunburst and Lady Hillingdon, but is much larger and more double in flower; attractive both in bud form and when fully developed. An ideal bedding Rose for the garden.

THE QUEEN ALEXANDRA

A brilliant flower of intense vermilion, deeply shaded old gold on reverse of petals, which spring from a pure orange base; one of the most remarkable color combinations seen in Roses. The flowers are quite full and when half blown are bewildering in their beauty; delightfully sweet scented.



THE QUEEN ALEXANDRA

WILLOWMERE

Free and perpetual; color coral-red, opening to shrimp-pink; resembles the Lyon Rose very much.

WILLIAM F. DREER

A very beautiful Rose of the same parentage as Los Angeles, and which, for delicacy of coloring is not comparable to any other variety. The flowers, which are similar in shape to Los Angeles, are at their best in half expanded flower. These, in expanding, are of a soft silvery shell-pink with a golden suffusion. This Rose is making a good record in all parts of the country and is becoming a popular bedding variety.

BABY RAMBLER AND DWARF POLYANTHA ROSES

These are delightful for massing in beds, or as edges for borders. They are most profuse and continuous bloomers and their small, neat flowers are produced in large clusters.

Price: \$1.00 per plant, \$10.00 per doz., except where noted

CECILE BRUNNER

(The Sweetheart Rose)

Dainty, double flowers of soft pink, growing in graceful sprays.

CHATILLON ROSE

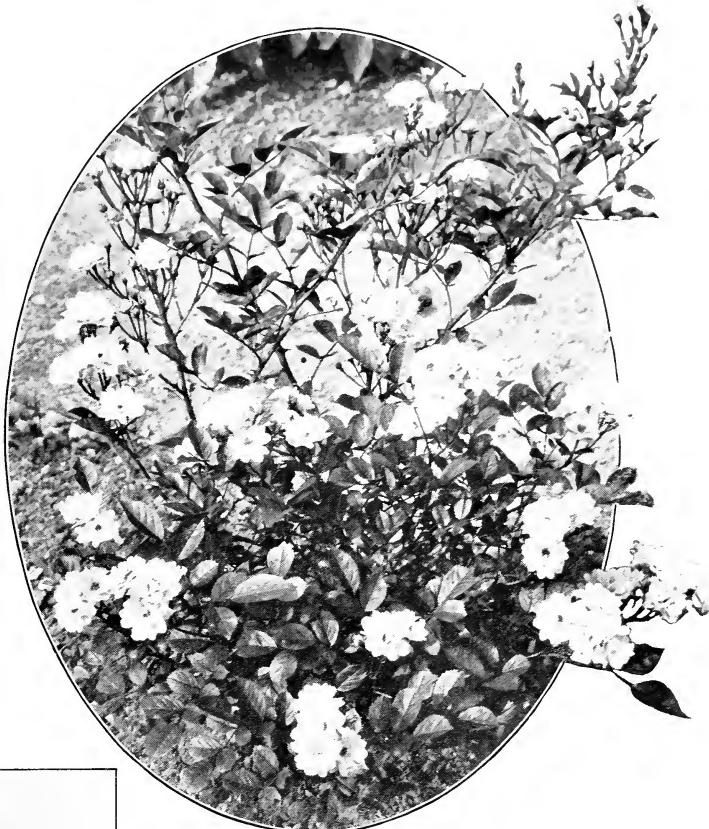
Color silvery crimson, shading to white in center, produced in great sprays of from fifteen to thirty flowers on a branch, and remain in good condition without shedding a petal for several weeks.

CORRIE KOSTER

A salmony-orange Rambler Rose. One of the most distinctive varieties in many years in this type. The flowers are produced in large clusters and make a beautiful showing in the garden or wherever grown.

JESSIE

Glowing crimson; the finest red to grow.



CECILE BRUNNER

LAFAYETTE

A strong growing, very profuse flowering Polyantha; crimson-scarlet in the bud, developing as it expands to a brilliant rosy-cerise. It is borne in clusters of good size, the individual flowers being about the size of Paul's Scarlet Climber.

MISS EDITH CAVELL

A brilliant scarlet-red with deeper shadings. Very desirable variety.

MRS. CUTBUSH

Clear, deep pink, fine growth and habit.

PHYLLIS

Bright carmine-pink, of erect, branching growth; one of the freest and finest in this section.



MRS. CUTBUSH

CLIMBING ROSES

Price: \$1.00 per plant, \$10.00 per doz., except where noted.

AMERICAN PILLAR

Single flowered variety of great beauty. Flower 3 or 4 inches across borne in immense clusters. Brilliant shade of pink with clear white eye; wonderfully decorative even when not in flower, as the blooms are followed with brilliant red berries and this Rose retains its foliage much later than most varieties.

CLIMBING AMERICAN BEAUTY

This is one of the best of the Climbing Roses. A strong, vigorous grower with large flowers of pleasing rose-pink, freely produced.

CLIMBING CAROLINE TESTOUT

Soft pink Climbing Hybrid Tea, a very fragrant sort.

CLIMBING LADY ASHTOWN

This is a Hybrid Tea variety and perhaps one of the best in the whole section of Climbing Teas. Its merit is in the wonderful way it produces flowers throughout the whole season, being apparently almost equally good in the Fall as in June, when it first comes into bloom.

CLIMBING LOS ANGELES

A replica of the popular Los Angeles, which is a luminous flame-pink toned with coral, and has light shadings at the base of the buds, making the most magnificent variety, and is very spectacular when growing in its climbing form. \$1.50 per plant, \$15.00 per doz.



SILVER MOON (See page 71)

CLIMBING MME. BUTTERFLY

The very much improved Ophelia in shades of pink, apricot, and gold. Climbing Hybrid Tea of the type that is proving so popular the last few years.

DOROTHY PERKINS

Clear, bright pink, trailing growth, profuse bloomer.

DR. W. VAN FLEET

Beautiful flesh-pink, borne on long stems; buds long and pointed, plants very strong, brilliant dark glossy foliage, mildew-proof, splendid for cutting.

EMILY GRAY

The best yellow climbing Rose ever introduced. Color clear golden yellow, all flowers are double, with long buds, and attractive, dark green foliage. Very free flowering, splendid growing habits. \$1.50 per plant, \$15.00 per doz.

EXCELSA

Very distinct variety, particularly vigorous, with healthy, dark, glossy foliage. Color of the flower intense crimson; individual flower very large and double for this type of Rose. Excelsa is grown today in place of the old Crimson Rambler, as it is practically mildew-proof and much deeper in color.

HIAWATHA

Forms splendid long sprays of very large blooms; color of individual flower, brilliant ruby with a clear white eye. One of the best climbers we offer.

CLIMBING ROSES - *Continued***JACOTTE**

Color, shrimp-pink or light salmon-orange shaded golden yellow at base; flowers fully $2\frac{1}{2}$ inches in diameter delightfully scented; rich, dark green, glossy disease-resisting foliage.

LADY GAY

Delicate pink; larger in flower than Dorothy Perkins.

PAPA GOUCHAULT

A variety that is certain to become one of the most popular of the Ramblers, not only as an outdoor Rose, it being one of the hardiest of its type and of the purest crimson color, but also as a forcing variety for Easter, for which its brilliant color and remarkably free flowering habit make it particularly valuable.

Price: \$1.00 per plant, \$10.00 per doz., except where noted.

PAUL'S SCARLET CLIMBER

The flowers are medium in size, being semi-double and carry three to six flowers on each spray. Paul's Scarlet Climber has received several gold medals.

SILVER MOON

Pure white in color with yellow stamens in the center, showing up a very attractive variety. Foliage bronzy-green; stems of flowers very long and fragrance very lasting.

STAR OF PERSIA

A gorgeous brilliant yellow, semi-double Rose with individual flowers about 3 inches across. Wonderful, where one desires a low climber or Rose from 8 to 10 feet high. In wonderful condition throughout the month of June, and lasts for several weeks. \$1.50 per plant, \$15.00 per doz.

Tree Roses

We have the finest collection of Tree Roses it is possible to procure in this country this season. These plants have been specially grown for us by an expert, and since good Tree Roses are very scarce, we would suggest that our customers place their order as early as possible for the quantity and varieties desired.

Price: \$3.00 each per plant, \$30.00 per doz.

BETTY UPRICHARD

Salmon-pink, shaded orange-cerise.

CAROLINE TESTOUT

A soft pink, very free flowering and possibly the most popular Tree Rose grown.

CHATEAU DE CLOS VOUGEOT

Brilliant scarlet, shading a fiery red, intensely fragrant.

COLUMBIA

A glowing pink, and unlike most pink flowers, when it is fully developed, it is more vivid in color than in the bud state.



TREE ROSES—Continued

CRUSADER

Fine crimson rose with long pointed buds, high center, but not very fragrant.

GOLDEN EMBLEM

A deep orange flowered claret-red. Ideal in growth.

HADLEY

Beautiful long buds of rich velvety crimson and very fragrant.

HUGH DICKSON

An intense crimson, shading scarlet.

INDEPENDENCE DAY

A flaming yellow, shading to a copper, and opening to a bright orange-pink.

IMPERIAL POTENTATE

A crisp glistening rose-pink, very sweetly scented.

LADY HILLINGDON

Very free blooming, a coppery colored Rose.

LAURENT CARLE

A deep rosy carmine with very full flowers.

LOUISE CATHERINE BRESLAU

A coral red shading chrome yellow, opening to a bright shrimp pink.

LOS ANGELES

Luminous flame-pink toned with coral, with lighter shading at the base.

MME. BUTTERFLY

A glorified Ophelia of pink, apricot and gold.

MME. EDOUARD HERRIOT

In color a gorgeous combination of reddish terra cotta and bronze, with flame shading.

MRS. CHARLES RUSSELL

A deep rosy carmine, very long bud, and full flower. A magnificent garden Rose.

PADRE

Very novel color coppery scarlet, shading yellow at the base.

PREMIER

A cross between Ophelia and Mrs. Chas. Russell. Quick free growth, and compares favorably with American Beauty in size.

SOUVENIR DE GEORGES PERNET

Flowers are exceptionally large, and of globular form. Brilliant orient-red, shading to cochineal-carmine at the end of the petals, and the entire Rose is suffused with a golden sheen.

SUNBURST

Long pointed orange-coppery Rose, shading somewhat lighter when the flower develops.

ULRICH BRUNNER

A cherry red, very fine flower of rich form.

Price: \$3.00 per plant, \$30.00 per doz.





Hardy Perennial Plants

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted.

For those who already have gardens we list some new and choice Perennials to add to their collection. For those who are just starting a garden or thinking of starting one we have a long list of varieties of all heights, colors, and seasons, from which they may choose.

Our strong field grown plants will bloom the first year they are set out.

We are always glad to assist our customers with suggestions and cultural directions for growing our stock. This insures your satisfaction and success.

ACONITUM (*Monksblood*)

SPARKS VARIETY. The darkest blue of all, flowering in June and attaining a height of about 2½ feet. Does well in a shady or half-shady location. \$5.00 per doz., \$35.00 per 100.

AEGOPODIUM

PODOGRARIA VARIEGATA. A quick growing plant with green and yellow foliage, which does well in all sections; splendid border plant. 1 foot.

ALYSSUM (*Rock Madwort*)

SAXATILE COMPACTUM. Splendid plant for the rockery or border, growing a foot high; golden yellow flowers with dense, compact heads. 1 foot. April and May.

ANCHUSA (*Alkanet*)

DROPMORE VARIETY. Rich gentian-blue; one of the earliest of the blue flowers. Plants form beautiful specimens, 3 to 4 feet high. One of the most exquisite blue flowers for the garden. June to August.

ARABIS (*Rock Cress*)

ALPINA. Pure white flowers produced in dense masses, splendid for border work and last quite some time when cut. Forms a dense carpet of white flowers. April and May.

FLORE PLENO. Double flowering form of the above; flowering two weeks later. 12 inches. 35c. each, \$3.50 per doz., \$25.00 per 100.

HARDY PERENNIAL PLANTS—Continued



LONG-SPURRED HYBRID AQUILEGIA

Price: 50c. each, \$5.00 per doz., \$35.00 per 100.

HARDY PERENNIAL PLANTS—Continued

ANTHEMIS (*Hardy Marguerite*)

KELWAYI. Large, golden yellow, Daisy-like flowers produced continuously all Summer. This golden yellow flower attains a height of 2½ feet. June to August.

ASTILBE

See SPIRAEAS.

AUBRIETIA (*Rainbow Cress*)

AUBRIETIA GRACILIS. A lovely little dwarf growing plant, very suitable for the rockery or edge of border with masses of silvery foliage, with various colored flowers in May and June.

ARTEMISIA

LACTIFLORA. Blooms in August and September, growing 3 to 4 feet high. Plump heads of creamy white flowers. This may be placed at the back of a Perennial border making an excellent background for the early flowering Perennials. Will do well in all soils and will stand some shade.

Hardy Asters, Michaelmas Daisy

These Asters, which caused such enthusiastic comments from all American visitors to the British exhibition, are now available in this country and the following are a critical selection from imported varieties that can be depended on to be absolutely the cream of the world's seedlings.

TWO EXCEPTIONAL INTRODUCTIONS IN MICHAELMAS DAISIES

We have imported these varieties from England, and they far exceed any variety that have been introduced to date. They are exceptionally large individual flowers and have excellent keeping qualities when cut.

BARR'S PINK

Lovely light mallow pink with stiff petals and a brilliant golden center, growing from 3 to 4 feet high. Well branched and the flowers are admirably spaced and give the appearance of a gigantic head of pink Phlox. The individual flowers are 2½ inches in diameter, coming into bloom about mid-September, and add a mass of glowing pink to the Fall garden. **\$1.00 each, \$10.00 per doz.**

BRITISH QUEEN

Soft lavender blue semi-double unusually large open flowers with pale yellow center. A vigorous growing well branched plant that comes into bloom early September. Height about 4 feet. Excellent for cutting and decorative work. **\$1.00 each, \$10.00 per doz.**

AQUILEGIA (*Columbine*)

These native flowers of North America are wonderfully useful as cut flowers. Will grow in any location, but give best results in well-drained and sunny position. One of the best known hardy perennials. May and June.

HOWARD'S HYBRIDS

The Rocky Mountains have given us many beautiful flowers, but nothing to touch these marvelous Aquilegias with their lovely pastel shades, as delicate as a fleecy cloud in a Summer sky of palest blue. These charming colors run from light blue through all the shades of light pink, creamy white, delicate lavender, to brilliant scarlet. When massed in mixed colors in the perennial border they give an effect of airy daintiness not surpassed by any other flower. Assorted colors.

Price: 50c. each, \$5.00 per dozen.



BARR'S PINK

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted.

HARDY ASTERS

STANDARD VARIETIES

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted

ANITA BALLARD. Soft Cornflower blue. Flowers 2 inches across. Very early and very free flowering. The broad ray florets are recurved with pale silvery undersides.

JAMES KELWAY. A bright blue, single, keeps its color well and has fine stiff branching habit. A very attractive companion to Mrs. D. Mitchell or St. Egwin.

KING OF THE BELGIANS. Large, semi-double, lavender-blue flowers, larger than Climax. 5 feet.

LAVENDER QUEEN. Strong erect branching growth about 3½ feet high. Pure lavender fringed petals, with golden center. Very attractive new seedling.

LOUVENAINE. Soft rose pink, large open flowers. Very vigorous growth about 4 feet high, coming into bloom mid-September.

MARNE. One of Mr. E. Beckett's new varieties bearing soft pink flowers with yellow centers, blooming in September. 3½ feet high.

MRS. D. MITCHELL. Pure pink, resembling St. Egwin, but much taller and far superior. Height 4 feet.

PERRY'S WHITE. Large, circular snow white flowers over 2½ inches in diameter, broad, overlapping petals, a golden disc which changes to maroon crimson; very free and of good habit.

PINK PROGRESSIVE. A very good pink. Bushy. Very floriferous.

ROYAL BLUE. This is a large blue, apparently double at first, but when afterwards it opens fully, it forms a distinct cup-shape flower with a golden disk at the bottom. Medium height. Blooms early September.

RYECROFT PURPLE. Very bushy purplish flowers with yellow center. 4 feet high.

ST. EGWIN. Lovely shade of light pink, very bushy form, about 3 feet high, blooming mid-September.

BOCCONIA (*Feathery Poppy*)

CORDATA. Flowers insignificant in size, but very numerous, borne in large terminal panicles, but distinct in appearance. 5 to 6 feet. Very hardy habit. Blooms in July.

BOLTONIA (*False Chamomile*)

ASTEROIDES. Flower heads pure white; flowering at the same time as the popular Michaelmas Daisies. 5 to 6 feet tall.

LATISQUAMA. Beautiful pink flowers. 5 feet.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted.



BUDDLEIA MAGNIFICA VEITCHIANA

BUDDLEIA

VEITCHIANA. Beautiful violet-mauve; a splendid Summer flowering shrub, absolutely hardy under any conditions; flowers are borne on long, cylindrical spikes, 12 to 15 inches in length; flowers the first season it is planted; a beautiful plant, 3 to 6 feet.

CAMPANULAS (*Canterbury-bells* or *Bellflower*)

These lovely flowers have great variety of color and form and the taller varieties are useful for cut flowers as well as in the hardy border.

SINGLE. Blue, white and rose.

MEDIUM. Blue, white and rose.

CALYCANTHEMA (*Cup and Saucer*). Blue, white and rose.

PERSICIFOLIA ALBA. White Peach Bells. 2 feet high. Flowering June and July.

PERSICIFOLIA BLUE. Blue form of the above.

CARPATICA BLUE. A dwarf variety well suited to the rock garden, blooming from June to mid-October, a lovely blue flower on a slender stem 9 to 10 inches high.

CARPATICA ALBA. White form of the above.

CARYOPTERIS (*Blue Spirea*)

MASTACANTHUS. A very attractive addition to the Perennial border or in front of evergreens and shrubbery. A low growing shrub producing many clusters of fragrant lavender-blue flowers from early September until frost. Dies to the ground in the fall and requires a thick covering of straw for Winter protection.

HARDY PERENNIAL PLANTS *Continued***CENTAUREA** (*Knapweed*)

MONTANA (The Perennial Cornflower). Producing large, violet-blue flowers from July to September. 2 feet high.

CERASTIUM

TOMENTOSUM. Silvery, low-growing foliage plant which is used very largely for planting dry, sunny spots. Carpet growth. May to mid-June.

CHELONE (*Shell Flower*)

BARBATA. Hardy border perennial of Pentstemon-like habit, producing long spikes of brilliant, scarlet flowers. Has not been grown very extensively in this country as yet. Height 3 feet. July to September.

CHRYSANTHEMUM (*Shasta Daisy*)

ALASKA. A very fine type Shasta Daisy, blooming from July until Fall. Large, pure white flowers, dark green foliage and a splendid strong grower; very useful as a cut flower. 2 to 2½ feet high.

ELDER DAISY. One of the finest and earliest Shasta Daisies we have ever seen. Begins to flower early in May, producing a profusion of large glistening Daisy-like white flowers on strong stems. 2 feet high. Is splendid in the border and cannot be excelled as a cut flower in the early season. Very hardy and adaptable to all types of soil but requires full sun for proper development.

KING EDWARD VII. Pure white, large flowering type; blooming in July. 2½ feet.

COREOPSIS (*Tickseed*)

LANCEOLATA GRANDIFLORA. Rich golden yellow. One of the finest flowers for cutting ever introduced to cultivation. Height 3 feet. June to September.



CENTAUREA MONTANA (The Perennial Cornflower)

CONVALLARIA (*Lily-of-the-valley*)

The most familiar hardy Perennial we list. An excellent plant for shady situations. Spikes from 8 to 10 inches high. Small bell-shaped pure white flowers, blooming in early Summer. Very fragrant.

DAPHNE

(*Garland Flower*)

CNEORUM. The beautiful low growing evergreen shrub, of trailing habit, covered with garlands of fragrant pink flowers from mid-April to the end of May. A most adaptable hardy plant, ideal for the herbaceous border, edging the shrubbery border or in the rock garden. Price \$1.50 per plant, \$15.00 per doz.

DIANTHUS

ALWOODI. Perpetual flowering, hardy Carnations, flowering continuously from Spring until Fall. Very sweetly scented and cannot be surpassed for cut flowers. All colors in this assortment.



DAPHNE CNEORUM (Garland Flower)

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted.



DIANTHUS

ANNIE LAURIE

Our new, hardy Carnation that blooms from May until November, is a delight to all who grow it. The color is a clear orchid pink with wine-red center. It is fragrant and perfectly hardy and will do well in sun or partial shade, but prefers a sunny location.

DELTOIDES. A charming rock plant, perfectly hardy, narrow leaves and a profusion of small crimson flowers. Blooming June and July. 6 inches high. Thrives in a hot, dry location.

DIELYTRA (*Bleeding Heart*)

SPECTABILIS. Graceful, heart-shaped, pink flowers; one of the choicest memories of old-fashioned gardens. Easily cultivated in borders and wild gardens. Especially valuable for planting in shady spots. 1 to 2 feet. 75c. per plant, \$7.50 per doz. April and May.

Dictamnus (*Gasplant or Burningbush*)

An old garden favorite which has a strong smell of lemon and will sometimes give a flash of light on a sultry Summer evening, when a lighted match is held near the flowers; hence the name. Succeeds well in partial shade or full sun. Should not be moved after once established.

FRAXINELLA RUBRA. Rosy-pink blooms in early Spring; glossy, handsome foliage throughout the season. 3 feet high, suitable for border or specimen plant. 75c. per plant, \$7.50 per doz.

FRAXINELLA ALBA. Pure white form of above. 75c. per plant, \$7.50 per doz.



Dictamnus Fraxinella Rubra

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted.

HARDY PERENNIAL PLANTS—Continued

DELPHINIUMS

We are very proud of our Delphiniums, representing, as they do, the combined results of the world's best Hybridizers. For the last quarter century we have watched the Delphiniums growing in popularity by leaps and bounds, and have kept closely in touch with all the up-to-date Hybridizers. Our thousands of seedlings were a source of delight to many customers who came to see them in their blooming period, many of whom made their selection of varieties to be shipped as soon as the weather conditions would permit.

The Wrexham type, Blackmore & Langdon varieties, Hewitt's and others are all represented in our collection. The range of color is really wonderful, some shading down to a pure white, through all the exquisite shades of blues, to deepest lavender. We have separated these seedlings in a dozen or so leading types, descriptions of which appear below. Also, for the benefit of the parties who are planning a definite color scheme, we can supply varieties fully described as to color, the description taken when the plants were blooming in the Summer.

These plants are two year old plants, just in ideal condition to give the best and finest flowers.

CULTURAL NOTES

Good drainage is of prime importance in growing all types of Delphiniums. If the ground is heavy, mix coal ashes or sand to lighten the soil. Plant 18 inches apart each way in groups of three and five.

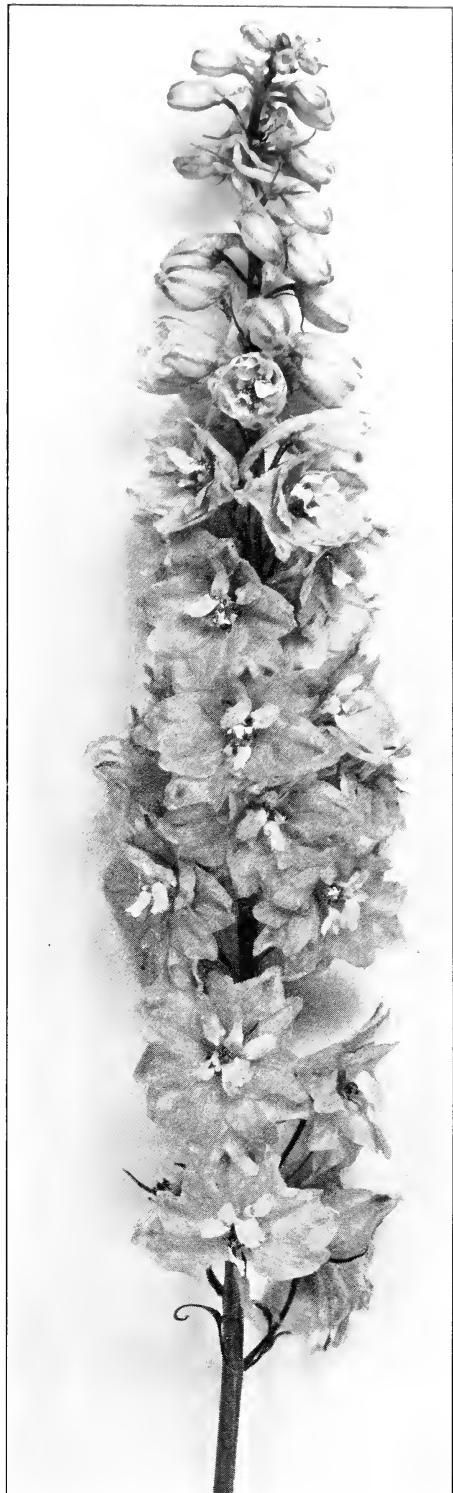
The ground should be deeply dug and pulverized and lime applied at the rate of a double handful to each square yard before the plants are set.

Lime should be applied every Spring and Fall after the plants are growing. After blooming, if the flower stalks are cut back and bonemeal is worked in near the crown, the plant will bloom several times during the season. Bonemeal applied at the rate of a handful to each plant will be sufficient fertilizer.

After the ground is frozen, cover the crowns lightly with straw or marsh hay. Never, under any circumstances, mulch with manure.

Black rot and mildew may be controlled by spraying the crowns with Bordeaux or some good fungicide. An ounce of prevention is truly worth a pound of cure with this disease.

Study your plants and their culture to grow Delphiniums well. With the present-day varieties you can get more pleasure and satisfaction out of growing Delphiniums than any other hardy perennial. For best results use the varieties listed on the succeeding pages.



HARDY PERENNIAL PLANTS—Continued



Lovely



R. E. Pilkington

DELPHINIUMS

We are now able to offer this year, types of all the finest named sorts of Delphiniums from the best of Blackmore & Langdon's; Wrexham's; Hewitt's and Vanderbilt's seedlings. Our Delphinium fields were the admiration of all the passersby this summer, and we are offering specially selected seedlings of the types listed. All this stock flowered in our fields this summer, and descriptions were made when the plants were in flower. The plants we offer are the cream of the thousands of plants growing in our fields, and customers may be assured of getting exactly the color described, and the best plants it is possible to procure in this country.

Our Delphiniums are all shades of blue, ranging from Sky-Blue, Venetian, Cornflower, Royal and Porcelain Blue, Deep Heliotrope, Rosy Mauve, Pansy Violet, Rose-tipped Purple, with double and crested centers in black, white, sepia and honey yellow.

Specially selected plants from the field, with color descriptions and form attached, \$3.00 per clump, \$30.00 per dozen.

CLARICE

Large double soft pink flowers forming a compact spike. One of the best in light shades.

COUNTESS COWLEY

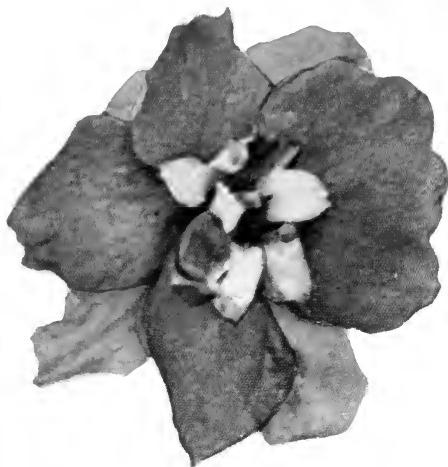
This has been called by some experts, the very finest Delphinium that has ever been raised. The spike is magnificent, the eye is black and the flowers are of splendid shape and substance. The outer petals are sky-blue and the inner petals are varying shades of mauve. It is very double and in all respects a gorgeous type of Delphinium.

DUSKY MONARCH

Deep purple with dark bee center, enormous spike of flower. Well known variety, 4 to 5 feet high.



Countess Cowley



Wedgwood

KING OF THE DELPHINIUMS

As the name suggests, a very king among Delphiniums. Under favorable conditions, it will grow 5 to 6 feet in height. Rich gentian blue, with striking white centers.

LE DANUBE

Lovely pale blue with delicate lilac pink centers. An old variety, but one that is very popular; not prone to disease and is wonderfully free flowering.

LOVELY

Outer petals porcelain blue with mauve pink inner petals and clear white eye. A magnificent spike of flower. 5 feet high. Truly "Lovely."

MRS. FOSTER CUNLIFFE

Very large double flowers of rosy lavender with shadings of cornflower blue, on the outer petals. The center is striped with black. This is a very striking variety.

QUEEN MARY

Lovely Belladonna blue single, with a beautiful pure white center. A lovely tall spike and a splendid contrast to the darker shades universally admired.

R. E. PILKINGTON

Semi-double, color being a deep violet, edged by a deep shade of blue, the eye a very large and distinct shade of brown and very striking in appearance. If you want a dark shade, you will need R. E. Pilkington.



Le Danube

REV. E. LASCELLES

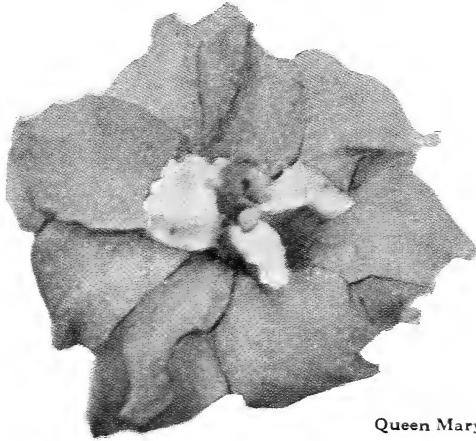
Striking dark blue spikes of immense size, large double flowers with distinct blue and white double centers. 4 to 6 feet high. One of the most impressive border plants it is possible to get.

SMOKE OF WAR

A semi-double flower, shades of which are very unique, being a reddish purple with a black eye. There is a suggestive haze about a spike of this variety, that suggests the name. It produces a very tall spike.

WEDGWOOD

Wide open double flowers closely spaced on a splendid spike. The crested white center outlined against the lavender blue petals strongly suggests the name.



Queen Mary

Clumps without description; \$1.00 each; \$10.00 per dozen. Our own selection.

Field-grown plants, in assorted colors, but not selected as to type, although they are seedlings of the very finest sorts; 50c. each; \$5.00 per dozen; \$35.00 per hundred.

HARDY PERENNIAL PLANTS—Continued

DIGITALIS (*Foxglove*)

A very attractive addition to the herbaceous border, thriving in sun or partial shade in light, rich loam. Blooming in June and July.

AMBIGUA (Yellow Foxglove). A true perennial Foxglove, flowers buff yellow with brownish markings, growing 2 feet high and if cut back after the first flowering will bloom later in the season.

GRANDIFLORA ROSE-PINK. Very large flowers of lovely rose-pink on tall, stately spikes.

PURPUREA GLOXINIAEFLORA ALBA. Pure white form of the above.

DORONICUM (*Leopardbane*)

EXCELSUM. A very showy, Daisy-like flower of clear bright yellow blooming in April and May. The most pleasing color scheme results when this is planted with Phlox divaricata laphami, as they bloom at the same time. Very hardy and succeeds well in full sun and the usual garden soil. 1½ feet high.

ERYNGIUM (*Seabolly*)

Produces flowers in August and September, which may be cut and dried for Winter bouquets.

PLANUM. Handsome blue variety. 2 to 3 feet.



DIGITALIS (*Foxglove*)

EUPATORIUM (*Hardy Ageratum*)

CONOCLINIUM or **COELESTINUM**. A splendid border plant with lavender blue, Ageratum-like flowers, adding blue to the border from August to frost. 1½ to 2 feet high.

FUNKIA (*Plantainlily*)

LANCIFOLIA. Very useful for borders and in partial shade. Late in season it produces a spike of lavender flowers. Plant does not attain a height of over 10 inches, but flower stalks will run up to about 2 feet.

GAILLARDIA (*Blanket Flower*)

GRANDIFLORA. One of the best known Hardy Perennials, growing to a height of about 20 inches. Blooms from early June until frost. Flowers rich red-brown, edges of petals bright golden yellow.

GEUM (*Avens*)

LADY STRATHEDEN. A recent introduction that has found great favor, having all the good qualities of Mrs. Bradshaw, but the flowers are a bright golden yellow, blooming from June to October. Perfectly hardy, but requires full sun and a fairly light soil.

MRS. BRADSHAW. A new, large, double, scarlet variety, much better than any of this type previously introduced, blooming the greater part of the Summer and Fall. Height 15 inches.



EUPATORIUM (*Hardy Ageratum*)

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted.



Bristol Fairy

GYPSOPHILA (*Babysbreath*)

PANICULATA. Pure white flowers, splendid for use in decorating and making up bouquets. $2\frac{1}{2}$ feet. June to August.

FL. PL. Double form of the above. 50c. each, \$5.00 per doz.

THE BETTER GYPSOPHILA**Bristol Fairy**

With double flowers almost as large as the annual Babysbreath and every bit as white, as lasting and easily handled as the usual double sort, it is more valuable than either.

Not only for the flowers alone, but for the long season over which they are produced, Bristol Fairy is a triumphant achievement in florists' flowers. Unlike the old double Babysbreath, which bloomed once and was gone, and unlike the annual sort which had to be sown many times a season, it continues to bloom from early Summer until hard frost.

Bristol Fairy has all the virtues of the popular *Gypsophila paniculata flore pleno* as a garden and landscape subject. It is sturdier, more graceful, and has much more distinct white flowers. Best of all, it is an all-Summer plant, blooming periodically from June till frost, and does not have to be concealed or replaced like the old kind does when it is through blooming. \$1.50 per plant, \$15.00 per doz.

HELENIUM (*Helen Flower*)

This magnificent perennial during its blooming season from early August until middle of September, literally produces hundreds of beautiful from yellow to bronze-colored flowers. The flowers on one and the same plant vary in color according to their growth and different stages of development. No prettier sight graces the garden than a well-developed border of Heleniums.

AUTUMNALE SUPERBUM. Broad, spreading heads, deep, golden yellow flowers. One of the most striking flowers in cultivation. 5 to 6 feet.

AUTUMNALE RUBRUM. Similar to superbum, but has bright, terra cotta red flowers; makes a wonderful display during the month of September. 5 to 6 feet.

HELENIUM (*Helen Flower*)

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted.

HARDY PERENNIAL PLANTS—Continued

HELIANTHUS (*Perennial Sunflower*)

MISS MELLISH. Very large, bright yellow flowers. 4 feet high. August and September.

HELIANTHEMUM (*Rock Rose*)

AUREUM. Excellent for the rock garden or a dry, sunny bank. These evergreen plants are very low growing and form broad clumps covered with golden yellow blooms from July to September. Must be cut back slightly when planted. Height 4 to 6 inches.

HELIOPSIS (*Orange Sunflower*)

ZINNIAEFLORA. Double flowering type of the orange Sunflower, growing 3 feet high. Flowers July and August.

HEMEROCALLIS (*Daylily*)

AURANTIACA. Bright orange Daylily, 2½ to 3 feet, sweetly scented. Blooms in July.

CITRINA. Beautiful light lemon colored flowers, blooming in August and September, after the other varieties are past their bloom. Tall slender stems 4 feet high.

DR. REGEL. Deep orange, beautiful, large, wide open flowers; very fragrant; blooms June and July. Height 2 feet.

FLAVA. Fragrant clear yellow flowers. Blooms earliest of these charming Lilies, coming in May and June, and is useful as a cut flower as well as in the herbaceous border. 3 feet high.

GOLD DUST. Bright yellow flowers, buds and reverse of petals bronzy-gold; flowering in May and June. 2 to 3 feet high.

THUNBERGI. Blooming in late July. This comes after the other varieties. Is a rich, clear lemon-yellow. 3 feet high.

HESPERIS (*Sweet Rocket*)

Showy, terminal, pyramidal, fragrant spikes, resembling stocks; blooming from June to August. Splendid for naturalizing in semi-shady places. 2 to 3 feet. In separate colors—lavender and white.

**HESPERIS** (*Sweet Rocket*)**HEUCHERA**

SANGUINEA. A charming perennial, producing numerous graceful panicles of flowers varying from pale pink to vivid crimson, and one of the easiest varieties to grow. Flowering July and August; height 2 feet. 50c. per plant, \$5.00 per doz., \$35.00 per 100.

HIBISCUS (*Marshmallow*)

Makes large bushes 4 feet high and 3 feet across, very attractive planted in shrubbery, or as a background for wide perennial borders. In red, pink, and white assorted colors only.

HOLLYHOCK

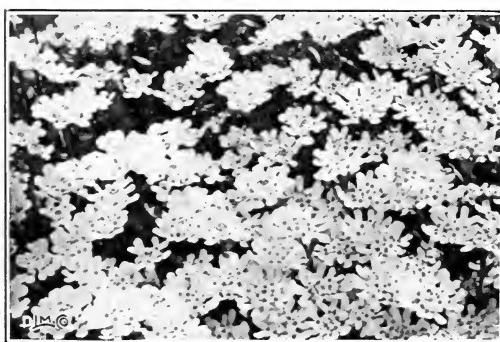
No old-fashioned garden is complete without Hollyhocks. Their stately spikes produce bold effects that cannot be obtained with any other flower. We offer the best assortment of double kinds.

DOUBLE NEWPORT PINK.**DOUBLE MAROON.****DOUBLE SCARLET.****DOUBLE YELLOW.****IBERIS** (*Hardy Candytuft*)

Among the many species of plants particularly suitable for dwarf beds, borders and the rockery, none surpass the hardy Candytufts in making a rich showing during their flowering season. The foliage also is quite ornamental, while the flowers, climbing and rambling in all directions, lend a picturesque touch wherever the plants are used.

GIBRALTARICA. Delicate pink; dwarf in habit and completely covered with small pink flowers. Mid-April to mid-May.

SEMPERVIRENS. Pure white flowers which completely cover the plants in May. About 15 inches high, and splendid for edging, borders and rock gardens.

**IBERIS SEMPERVIRENS**



A BORDER PLANTING OF IRIS

Tall Large-Flowering Bearded Iris FLEURS-DE-LIS

Between Tulip time and Rose time the mainstay of the garden for masses of color is found in the modern forms of the bearded Iris. The all-pervading loveliness of a garden well planted with the choicer forms of the older and the newer introductions is breathtaking. In no flowers are returns surer or more satisfying.

Buy Irises, plant Irises, until you have a good collection, and when the lure of May and June is upon your garden you will agree that you have never had so much "carefree" beauty.

CULTURE AND PLANTING

Do not use manure. Lime the thoroughly prepared bed well and give an annual top-dressing of lime in the Fall, with a top-dressing of bonemeal in early Spring. Do not plant in deep shade. Open woodland paths, if well drained, make admirable locations for broad masses of Iris. In planting, spread fibrous roots as much as possible and barely cover the rhizomes. Space 3 feet apart and wait for clumps to form; or 1 foot apart for more immediate effect. Planting may be done at any time the ground is open, but the ideal time is through the months of July, August and September. The new growth is then active, and the root quickly establishes itself for blooming next season. Late plantings should be mulched with leaves or straw, not manure.

PRICES AND QUALITY OF ROOTS

Strong single roots are furnished at the prices quoted and every care is exercised to have the plants true to name. Your satisfaction is our success.

In the case of rare varieties where stock is limited, orders will be filled in sequence of receipt and accepted subject to stock in hand, but *will not be shipped until after the blooming season*, preferably in early August.

In the description, "S" is used to designate the standards or upright petals; "F," the falls or drooping petals.

Standard Varieties (Bearded Iris)

AFTERCLOW (Sturtevant). Gravish-lavender, shading to yellow, fine in garden effects. 3 to 4 feet. \$1.00 each.

ALCAZAR (Vilmorin). A branching plant, tall and stately, with a long flowering season. S. light mauve, F. deep rich purple. First-class certificate, London. 40 inches. 50c. per plant.

AMBASSADEUR (Vilmorin). S. smoky reddish satin in paler tones than the deep rich, velvety maroon falls which are held at right angles. A tall, regal plant, and considered one of the best of late introductions. Award of Merit, London. Certificated by National Horticultural Society of France. \$1.50 per plant.

ARNOLS. Deep toned pinky-bronze blended bi-color with rich falls. Excellent planted as an accent with the warm white of Innocenza and the rose of Her Majesty. 32 to 34 inches high. 35c. each per plant, \$3.50 per doz.

AURORA (Foster). S. and F. pale lilac pink. Large flower on strong, erect stems. Good for isolated clumps. 4 feet. 50c. per plant, \$5.00 per doz.

BALLERINE. Large ruffled flower of soft mauve color. A tall, vigorous form of Pallida; very fragrant. 4 feet high. \$1.50 per plant.

BARONET (Sturtevant). Blue in garden effect, 40 inches. Large flowers on well branched stalk. Price, 75c. each; \$7.50 per dozen.

BLUE JAY (Farr). A tall, late blooming variety in good "blues," bright and dark. 3 feet. 50c. per plant, \$5.00 per doz.

CAPRICE (Vilmorin). S. and F. claret, shading to white at the center of the rather wide open flower. Very charming planted with Flavescens against a not too heavy tracery of green. 50c. per plant, \$2.50 per doz.

CHESTER HUNT (Farr). "Blue" Iris, long season of bloom, and lovely planted with Fairy. 50c. each, \$5.00 per doz.

CLUNY (Vilmorin). A large flowered mauve of an unusual height for so early a bloomer. 48 in. Price, \$1.00 each; \$10.00 per doz.

DALMARIUS. A highly commended variety. S. satiny-gray; F. lavender with an enormous yellow beard. A large flower, vigorous plant and free in bloom. 30 inches. 50c. per plant, \$2.50 per doz.

DALILA (Denis). A new French introduction of great beauty. S. flesh white; F. rich red with very little suggestion of pink. Free in bloom and distinct in color. A seedling from I. Ricardi. Fall delivery only. \$1.00 each.

DAWN (Yeld). Pale yellow flower. The plant is of unusual vigor and freedom in bloom and its creamy mass makes happy association for the deeper colored Irises. 32 inches. 50c. per plant, \$3.50 per doz.

DELICATISSIMA (Millet). Late pale pink pallida. Delicious fragrance. 36 inches. Price, \$1.00 each; \$10.00 per doz.

DEJAZET (Vilmorin). Certificate, Paris. A superb flower of dusky orange-rose, deeper in the falls. Early in bloom and plant medium in height. Stock limited. \$1.00 per plant.



BLUE JAY

E. H. JENKINS (Bliss). A blue bi-color of strong branching habit and great freedom of bloom. 45 inches. Price, \$1.50 each; \$15.00 per doz.

EDOUARD MICHEL (Verdier). The true variety is scarce. Wide spreading blossoms of deep, wincered, on 3-foot stems. An imposing Iris when well grown and placed among creamy whites or pale yellows. Award of Merit. \$1.50 per plant.

ELDORADO. A large flower on slightly flexuous stems, 3 feet tall. S. yellow, brown and heliotrope; F. violet touched with bronzy yellow, while the style arms are clear gold. Fall delivery. 50c. per plant, \$3.50 per doz.

FAIRY. White, touched with blue, delightfully fragrant. 36 inches. 50c. each, \$5.00 per doz.

FLAVESCENS. Soft, creamy yellow. No Iris is more valuable in the garden. 30 inches. 50c. per plant, \$2.50 per doz.

FLORENTINA. The gray-white variety of the old gardens; large, fragrant and early. It makes a pleasing background for Clara Butt Tulips. 28 inches. 50c. per plant, \$2.50 per doz.

FRITJOF (Intermediate). A fine, purple bicolor in large flower, with a long blooming season. 50c. per plant. \$5.00 per doz.

GERDA (Intermediate). Pale yellow, earlier than Flavescens. 50c. each, \$3.50 per doz.

GERMANICA TYPE (Common Early Blue Flag). Violet-purple, free flowering and effective with yellow Tulip, Mrs. Moon. 50c. per plant, \$2.50 per doz.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted.

STANDARD VARIETIES, BEARDED IRIS—Continued

GOLD CREST (Dykes). A delightful early clear "blue" self. Gold beard. 30 inches. Price, \$1.00 each; \$10.00 per doz.

HER MAJESTY. S. soft rose; F. deeper rose, heavily veined. One of the best "pink" sorts and particularly satisfying used either with the cool white of Mrs. Darwin or the warm white of Innocenza. 28 inches. 50c. per plant, \$3.50 per doz.

HER RIVAL (McKinney). Soft rose with a feeling of yellow through it. A small flower of delightful response in combination with rich purple and pale yellow. 34 to 36 inches high. 50c. per plant.

INNOCENZA. S. and F. ivory white, slight reticulation at throat, late blooming and valuable. 26 inches. 50c. per plant, \$3.50 per doz.

IRIS KING (New). S. old gold; F. rich maroon, bordered yellow; a beautiful and striking flower. 2 feet. 50c. per plant, \$3.50 per doz.

ISOLINE (Vilmorin). S. soft yellow-pink; F. deep old rose. A very large flower on 3-foot stems. 50c. per plant, \$5.00 per doz.

JACQUESIANA. Standards wine, shaded in copper. Falls red purple-violet, with blackish tones. There is not so much yellow in this flower as in Prosper Laugier, and it is taller in growth. Should be planted with pale yellow or creamy white. 3 feet. 50c. per plant, \$3.50 per doz.

JEANNE D'ARC (Vilmorin). A wide open flower with ruffled edges lightly traced in pale lilac, with the entire style branches a fresh, clear lilac. 32 inches. 50c. per plant, \$5.00 per doz.

JUNIATA (Farr). Four-foot stems carry large, violet flowers above noticeably fine flowing foliage. Excellent in every way. 50c. per plant, \$5.00 per doz.



IRIS MADAME CHEREAU

KOCHI. S. and F. deep black-purple. An effective early blooming Iris, not so well known as it deserves. 2 feet. 50c. per plant, \$2.50 per doz.

LEONIDAS (Barr). A very handsome, tall Pallida type. S. clear lavender; F. several shades deeper and hugging the stem, making the form an unusual but attractive one. Very large flower. 3 feet. 50c. per plant, \$3.50 per doz.

LENT A. WILLIAMSON (Williamson). An American introduction which scored the highest mark in the recent Symposium conducted by the American Iris Society. It is massive in growth and flower. S. lavender-violet and F. velvety pansy violet. 42 inches. \$1.00 each.

LOHENGREN. A. M., R. H. S. A large flower, both S. and F. in shades of Cattleya mauve; petals very responsive to the strength or softness of the light. A plant of vigorous habit and good foliage. 32 inches. 50c. per plant, \$3.50 per doz.

LORELEY. S. clear pale yellow. F. raisin-purple, with yellow edge. This variety possesses in a superlative degree what the garden colorists call "carrying-quality." No other Iris in our collection is more admired. 50c. per plant, \$3.50 per doz.

LORD OF JUNE (Yeld). Free blooming, huge flowering Iris in pale blue. 36 inches. \$1.00 each.

MADAME CHEREAU. S. and F. white, frilled clear blue; very lovely. 3 feet. 50c. per plant, \$2.50 per doz.

MANDRALISCAE. S. deep blue; F. violet-mauve; with pale yellow, striped throat; 3½ feet high. 50c. per plant, \$2.50 per doz.



LENT A. WILLIAMSON

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted.

STANDARD VARIETIES, BEARDED IRIS—Continued



IRIS PALLIDA DALMATICA

MONSIGNOR (Vilmorin). A late flowering variety in rich coloring of purple and violet. The freedom of bloom makes it desirable for a strong note of color among the later blooming Irises. 2 feet. 50c. per plant, \$3.50 per doz.

MOTHER OF PEARL (Sturtevant). "A flower made of the fabric of dreams." The name adequately describes the color. A vigorous plant with tall stately spikes bearing large flowers. 4 feet high. \$1.50 per plant.

MRS. ALAN GRAY (Foster). S. and F. soft pinkish lilac. Blooms with the intermediates and invariably for us sends up spikes of bloom in the Autumn. No Iris is lovelier in mass. 30 inches. 50c. per plant, \$3.50 per doz.

MRS. H. DARWIN. A cool, pure white, with very slight reticulations of violet at base of falls. It blooms freely and is an indispensable sort. 2 feet. 50c. per plant, \$2.50 per doz.

MRS. NEUBRONNER. S. and F. golden yellow, deeper than Aurea, also slightly earlier. 20 to 24 inches. 50c. per plant, \$2.50 per doz.

MY LADY (McKinney). "The tallest Plicata." A seedling of William Marshall. Standards lavender in effect and falls white. 4 feet. \$2.00 each.

NIBELUNGEN. S. fawn; F. bronzy-purple, edged with fawn. An erect, vigorous, free blooming Iris and one of the best of its color. Should be planted near a blue like Rembrandt and creamy yellow like Flavescens. 32 inches. 50c. per plant, \$2.50 per doz.

OPERA (Vilmorin). Certificate, Paris. Of glorious coloring in velvety rich, deep red purples. A fine flower of good shape. 33 inches. \$1.50 per plant.

ORIFLAMME (Vilmorin). Award of Merit, London; Certificate, Paris. Immense handsome flowers of light blue and purple, always admired. 30 inches. \$1.00 per plant.

OTHELLO. S. rich blue; F. deep dark, velvety-violet. 30 inches. Still unsurpassed among the dark sorts. 50c. per plant, \$2.50 per doz.

PALLIDA DALMATICA. S. and F. soft lavender; very fragrant; exquisite as a cut flower; superb in the hardy border. 3 to 4 feet. 50c. per plant, \$2.50 per doz.

PAULINE. A fine red-purple Pallida, especially pleasing with Aurora. 36 inches. 50c. per plant, \$5.00 per doz.

PERFECTION. S. light blue; F. black-violet. A very free blooming sort and most effective as a dark foil for the lighter colors. 30 inches. 50c. per plant, \$3.50 per doz.

PRINCESS BEATRICE. A selected form of Pallida Dalmatica, with heavy textured lavender blue flowers. \$1.00 per plant.

PRINCESS ROYAL. Tall, slender stems of violet-blue flowers. 50c. each, \$5.00 per doz.

PROSPER LAUGIER (Vilmorin). A. M., R. H. S. S. bronzy-red; F. ruby velvet. The feeling of gold in its tones makes it the needed touch in a border of shades of yellow. Excellent also with creamy whites. 31 inches. 50c. per plant, \$5.00 per doz.

QUAKER LADY (Farr). S. smoky lavender, shaded with gold; F. amethyst-blue with yellow shadings. Styloid petals and beard yellow. To emphasize its charm of coloration, plant with Aurea and Mrs. Neubronner. 50c. per plant, \$3.50 per doz.

QUEEN OF MAY. S. and F. soft lilac-rose, fragrant. One of the most charming of the "pink" Pallidas. 32 inches. 50c. per plant, \$2.50 per doz.

REMBRANDT. S. and F. shades of soft blue with almost no suggestion of purple. An excellent "bluc" sort. 2 feet. 50c. per plant, \$2.50 per doz.

RHEIN NIXE. A. M., R. H. S. Standards clear white; F. rich raspberry purple with white edgcs. Tall, vigorous branched spikes. 3 feet. 50c. per plant, \$3.50 per doz.

ROSE UNIQUE (Farr). A deep "pink." The rather small flowers are freely produced and massed with gray white Florentina, give an unusual touch of color at this season. 18 to 20 inches. 50c. per plant, \$5.00 per doz.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted.

STANDARD VARIETIES, BEARDED IRIS -Continued

HELFORD YELLOW (Foster). Flowers larger and plant taller than Aurea, while the color is between that of Flavescens and Aurea. A fine yellow Iris. 50c. per plant, \$5.00 per doz.

SHERWIN WRIGHT. A deep yellow, taller than Mrs. Neubronner. 50c. each, \$3.50 per doz.

SHEKINAH (Sturtevant). Clear lovely yellow, deepening in the center. 34 inches. \$1.00 each; \$10.00 per doz.

SIBIRICA EMPEROR (Japan). Award of Merit, London. Deep violet-blue. Large flowers borne well above the foliage on 4-foot stalks. A clump of three years' standing makes a stunning garden feature. Stock limited. \$1.00 each.

SIBIRICA, Variety ORIENTALIS. These are grassy-leaved Irises retaining lovely flowing foliage throughout the season and blooming just at the close of the bearded Iris season. The delicately poised blossoms are attractive and valuable both for cutting and garden decoration.

White. 50c. per plant, \$2.50 per doz.

Shades of Blue. 50c. per plant, \$2.00 per doz.

SIMPLICITY (McKinney). An almost white flower, with pink, styloid petals. The plant is vigorous and free blooming, and, in clump, has the pleasing habit of throwing up stems of varying height. 34 inches. \$1.00 each.

SNOW QUEEN (Found in Japan by Mr. Peter Barr). An exceptionally free flowering Sibirica of the Orientalis form. Its large white blossoms makes a fine mass effect. 28 inches. 50c. per plant, \$2.50 per doz.

THELMA PERRY (Perry). A vigorous Pallida variety of refined coloring; soft blush; F. rosymauve. 36 inches. 75c. per plant.

THORBECK. S. white; F. deep black-violet. A very effective Iris. 40 inches. 50c. per plant, \$3.50 per doz.



SHERWIN WRIGHT

WALHALLA (Intermediate). S. light blue-lavender; F. velvety-purple. Blooms in mid-May. 20 inches. 50c. per plant, \$3.50 per doz.

WHIM (McKinney). A low-growing, free-blooming Iris of piquant charm. The flowers are cream blushed and peppered with rose, giving the effect of pale terra cotta standards and cream falls. 20 inches. \$1.00 each.

WHITE KNIGHT (Saunders). A clear white of compact and pleasing form. 30 inches. 50c. per plant, \$5.00 per doz.

Dwarf Irises

BLACK MIDGET (McKinney). Almost soot black buds. Flower dark purple with edges of standards and falls much laciniated. Good foliage throughout season. Free in bloom and in height 8 to 10 inches. For several successive seasons has bloomed again in early October. \$1.50 each.

EXCELSA. Deeper in color than Lutea, free and sweetly scented. 12 inches. 50c. per plant.

CRISTATA Evansia). A dainty creeping species; flowers rich amethyst-blue, striped orange; increases rapidly. A little gem for borders, rock-work or low massing. It is happier in locations that are shaded a part of the day. Given these conditions and time to mass, it will delight all who try it. 50c. per plant, \$2.50 per doz.

CRISTATA ALBA. Like the type except that the blossom is white. As lovely as it is rare. \$2.50 per plant.

GLEE (McKinney). This is a dwarf Iris of exceptional merit. The profusion of its pale yellow bloom and the gay grace of its two-flowered stems merit the name given by the originator. Its record of three weeks bloom was carried this year to more than four weeks. Pale yellow; late April and early May. 12 inches. \$3.00 per plant.



IRIS SIBIRICA (Variety Orientale)

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted.

DWARF IRIS—Continued

GRACILIPES. The most fairy-like of all Irises; From among delicate and graceful foliage the small rhizomes send up sometimes as many as six branches, carrying small-crested, pinkish-lilac blossoms. Delightful for a moist, but well-drained place, either in border or rock garden. Likes afternoon shade. \$1.00 each. July delivery only on Gracilipes.

LUTESCENS (var. *Statellae*). Creamy white, globular flowers in late April on 12- to 15-inch stems. Fragrant and lovely for cutting. Established clumps make excellent subjects for forcing. 50c. per plant, \$2.50 per doz.

NOVA AUREA. A satisfactory yellow of great freedom and similar in color to Exelsa. Late April and early May. 12 inches. 50c. per plant, \$2.50 per doz.

PUMILA ATROVIOLOACEA. S. and F. purple. Falls slightly deeper in tone. 4 inches. The earliest to bloom. Especially good in front of white Arabis and Golden Spur Daffodils. 50c. per plant, \$2.50 per doz. July delivery only.

PUMILA CAERULEA. Sky-blue mite and very scarce. 50c. per plant, \$5.00 per doz.

SARAH (Foster). An excellent hybrid. Rather broad, upright foliage; dwarf in habit. Flower large, pearly white, distributing its bloom over a considerable period. Early May. 15 inches. 50c. per plant, \$2.50 per doz.

TECTORM ALBA. For the top of a low wall or terrace nothing is more lovely than this pure white crested Iris, which blossoms at the same time as the tall bearded sorts. Foliage good. Exquisite variety. Stock scarce. 15 inches high. \$1.50 per plant.

TECTORM. Blue. 50c. each; \$5.00 per doz.

VERNA. A native Iris demanding much the same conditions of acid soil required by the Bird-foot Violet. Deep lavender in blossom with a gold splash and very fragrant. Foliage deep green and persistent. Adapted to the rock garden where special conditions may be created for it. 50c. per plant, \$5.00 per doz.

Japanese Iris

These magnificent Iris are a truly gorgeous sight, and extend the Iris season well into July. The colors are many and brilliant, and add greatly to any garden.

They thrive in any good, mellow clay loam, and while they like plenty of moisture during the growing season, flooding with water is not a necessity, as many suppose. It is essential to keep the ground well stirred. Be sure water does not stand over them in Winter.

BLUE JAY. Double sky-blue, distinct white lines on each petal. 50c. each, \$5.00 per doz.

DOMINATOR. Single. A dark violet-blue, lighter veinings of orange at base of falls; makes a splendid spot of color in the July garden. Upright standards, very large, horizontal falls. 50c. each, \$5.00 per doz.

GOLD BOUND. Double. Large, double white, enriched by a creamy glow, from the gold-banded center. 50c. each, \$3.50 per doz.

ORIOLE. Double. A large flower of rich plum color with darker shadings and touch of gold at center. 50c. each, \$3.50 per doz.

PINK PROGRESS. Single. Very large, slightly drooping falls; lovely soft mauve-pink, veinings of darker shade of pale yellow at base of falls. 50c. each, \$5.00 per doz.

PYRAMID. Double violet-purple, veined white in center of each petal. 50c. each, \$3.50 per doz.

RED RIDING HOOD. Single; fine amaranth, veined and suffused white. 50c. each, \$3.50 per doz.

"ROSE-ANNA." Double, mauve-lavender, darker halo. Petals of soft, crêpe-like texture, with yellow blotch at base. 50c. each, \$5.00 per doz.

TOTTY'S TRUE BLUE. Double; a very beautiful clear blue with a dash of gold at the base of each petal. A very large double flower; petals with little or no veining and remaining horizontal until faded. A new introduction this year, and a very unusual color in Japanese Irises. 75c. each, \$7.50 per doz.

VIOLET BEAUTY. Large, single flower of a rich, dark violet purple, with long, conspicuous yellow center and graceful, crêpe-like texture. A tall growing variety, very showy in the garden. 50c. each, \$5.00 per doz.



GOLD BOUND

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted.



REGALE, or MYRIOPHYLLUM

CULTURAL NOTES

Most Lily bulbs may be planted either in the Spring or Fall. The most important factor in growing Lilies is that they should have good drainage. Manure or commercial fertilizer should never be allowed to come in direct contact with the bulbs, as this is often the cause of rotting and disease. In planting, dig the hole 6 inches deeper than the bulb is to be set and place some well decomposed leafmold in the bottom of the hole. Over this, place an inch or two of sand. The bulb is then placed on the sand, so that the top of the bulb is 6 to 8 inches below the surface of the ground. A mulch of peat moss or leafmold is very necessary during the Summer, with straw and leaves for Winter covering.

LILIES

LILIUM AURATUM

(*The Goldband Lily of Japan*)

Flowering in July and August. Large, pure white flowers with gold band and crimson spots, very fragrant. An easy species to grow. 50c. each, \$5.00 per doz.

LILIUM CANDIDUM

(*Ascension or Madonna Lily*)

This is the Lily grown in all old-fashioned gardens; five to eight pure white flowers, borne on stems 3 to 4 feet high. Delphiniums grouped with these beautiful Lilies make a charming combination in the hardy border during the month of June. 50c. each, \$5.00 per doz., \$35.00 per 100.

DAURICUM

This beautiful Lily comes from the home of *L. tenuifolium* in Siberia. It resembles a native *Philadelphicum*. It is of easy culture, grows 2 to 3 feet high and blooms in umbels of three to five upright scarlet flowers. 35c. each, \$3.50 per doz., \$25.00 per 100.

LILIUM HANSONI

Beautiful clusters of reddish-orange flowers borne on 4 to 5 foot stems. Very hardy and not particular as to conditions. Partial shade helps to retain brilliant coloring in blooms. Another Lily from Japan that is quite at home in our gardens. Blooms early in June. 50c. each, \$5.00 per doz.

LILIUM HENRYI

Very similar to *Speciosum* except in coloring, which is a gorgeous orange-yellow with a green stripe down the center of each petal. This Lily blooms in August and September, which makes it very valuable for the late Summer garden. It is perfectly hardy and has no particular soil requirements. 75c. each, \$7.50 per doz.

REGALE, or MYRIOPHYLLUM

Flowers white, slightly suffused pink, with a beautiful shade of canary-yellow at the center. Delightfully perfumed, reminding one of the Jasmine. Blooms out of doors early in July. Absolutely hardy. Price: 3 bulbs, \$1.00; 12 bulbs, \$3.50; 100 bulbs, \$30.00

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted.

HARDY PERENNIAL PLANTS—Continued

LILIES**LILIUM SPECIOSUM RUBRUM**

Always satisfactory in the perennial border, perfectly hardy and blooming late into September. Flowers white, shaded and spotted with rose and very fragrant. A graceful stem, 3 to 4 feet high, carries from three to twelve beautiful blooms that open gradually, prolonging the blooming season. 50c. each, \$5.00 per doz.

LILIUM SUPERBUM

One of the hardest Lilies grown. Has large clusters of bright reddish-orange flowers conspicuously spotted with brown. Excellent for planting near streams or for naturalizing among shrubs. Prefers partial shade, but will thrive in full sun if the ground is kept cool with leafmold. Blooms June and July. Four feet high. 35c. each, \$3.50 per doz.

LILIUM TIGRINUM

(*Simplex Splendens*)

The well-known Tiger Lily that flourishes in all situations, is hardy and easily cultivated. Bright orange-red flowers thickly dotted with purple spots. Admirably adapted for mass plantings against shrubbery. Blooms July and August. 35c. each, \$3.50 per doz.

LAVENDULA (Lavender)

VERA. The true Sweet Lavender, growing 18 inches high, wonderfully fragrant, blue flowers, blooming July and August.



LYCHNIS CHALCEDONICA (The Lamp Flower)



LINUM PERENNE (Flax)

LIATRIS (Blazing Star or Gayfeather)

PYCNOSTACHYS. Beautiful rocket-like spikes of pale purple blooming in late July and August, very striking in the border and attracts many butterflies. Grows about 3 to 4 feet high, and is very useful as a cut flower.

LINUM (Flax)

PERENNE. One of the most effective of the blue perennial flowers, growing about 18 inches high, and flowers from May to July. When planted in masses, makes a very beautiful show of color.

LYCHNIS (The Lamp Flower)

CHALCEDONICA. Most desirable variety; orange-scarlet. 3 feet high. June to mid-July.

LYTHRUM (Loosestrife)

ROSEUM SUPERBUM. Rose color, robust habit. 4 to 5 feet. July and August.

MERTENSIA (Virginia Bluebells)

VIRGINICA. Blooms very early in the Spring, making a charming color scheme when planted with *Doronicum excisum*. Flowers of bright blue, fading to pink and borne on graceful drooping stems about 1½ feet high. A very desirable addition to every Spring garden.

MONARDA (Bergamot)

DIDYMA. Brilliant crimson-scarlet, flowers produced in plants about 2½ to 3 feet high, during the months of July and August. Very showy and bright when planted en masse.

FISTULOSA. Lavender form of the above.

VIOLACEA. Bright amaranth-red. 2 to 3 feet high.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted.

HARDY PERENNIAL PLANTS *Continued***MYOSOTIS** (*Forget-me-not*)

PALUSTRIS SEMPERFLORENS. No hardy flower is better known or appreciated than this light blue variety. Early and free in bloom. Perpetual flowering type. Prefers a damp location. 6 inches.

NEPETA (*Ground-ivy*)

MUSSINI. A most desirable border or rock plant with gray-green foliage and covered with masses of pale lavender blue flowers. Blooms from May to November if cut back once during Midsummer. 1 foot high and has a spread of 12 to 15 inches. Is a splendid ground cover and succeeds well in any soil or location. Especially useful in dry, sunny slopes to prevent washing.

PACHYSANDRA (*Japanese Spurge*)

TERMINALIS. An evergreen ground cover, unsurpassed for its adaptability to all situations and conditions. Chief among its many uses, we recommend it for planting under evergreens, shrubs and in cemetery work. As a border for walks and drives it is most attractive. Also splendid for steep slopes in sun or shade, and for dense shade under any kind of trees. Pachysandra is



DIMG
PACHYSANDRA TERMINALIS (*Japanese Spurge*)

the only plant to thrive under pine trees. It attains a height of about 8 inches. Plant 6 inches apart each way for best results.

PHILADELPHUS BOUQUET BLANC

One of the handsomest of shrubs, which must be seen to be appreciated. Makes a fine specimen for the lawn, and for hedges it is beyond words; the variety is a vigorous grower and throws gracefully arching stems closely set with bouquets of individual white flowers; these sprays look like large ostrich plumes of soft, snowy white. Height three feet. Never winter-kills. Price, \$1.00 each; \$10.00 per dozen.

Herbaceous Peonies

Cast-iron in their hardiness, blooming equally well north, south, east and west, in this country, no other flower is so adaptable and so satisfactory. A good, rich soil, open sunny position, and plenty of water during their growth is all they need. When planting, place the roots so that the crowns are barely covered with soil.

ASSORTED VARIETIES in separate colors—white and pink. 50c. per plant, \$5.00 per doz., \$35.00 per 100.

PINKS (*See DIANTHUS*)**PLATYCODON** (*Japanese Bellflower*)

Very handsome, hardy perennial, with beautiful bell-shaped flowers, much like Campanula, blooming in July and August.

GRANDIFLORUM. Very large, deep blue, star-shaped flowers. 2 feet.

GRANDIFLORUM ALBUM. Beautiful, pure white type of the above. 2 feet.

PLUMBAGO (*Leadwort*)

LARPENTAE. A splendid border or rock plant with deep blue flowers, blooming in September and October; dwarf spreading habit. 8 to 10 inches high.



DIMG
PHILADELPHUS (*Bouquet Blanc*)

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted.



Phlox Divaricata Laphami

A perennial Phlox of pure gentian blue, growing to a height of 15 to 18 inches; unsurpassed as a border plant when planted in front of Darwin Tulips, since it flowers in May and continues flowering until early July.

No other garden flower blooming at this season shows this rare and beautiful color.

A solid bed of Phlox Laphami is one of the most attractive sights in any garden, and we cannot too strongly recommend everyone to try at least a few plants of this remarkable plant.

PHLOX (Moss or Mountain Pink)

SUBULATA. An evergreen creeping plant, excellent for edging the border or in the rock garden. Producing masses of bloom in April and May, with moss-like foliage; invaluable carpeting for the ground.

ALBA. Pure white.

VIVID. Bright cerise-pink.

LILACINA. Light lilac.

ROSEA. Rose-pink.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted.

HARDY PERENNIAL PLANTS—Continued

Phlox

No hardy border is complete without the beautiful spikes of the many colors of perennial Phlox. These plants succeed in any good garden soil, and require very little care. If the dead blooms are cut back just below the flowering heads, it will prevent them from going to seed, as the seedling plants are the cause of the reversion from the original bright colors. This also induces the plants to bloom a second time.

Phlox should be planted from 18 inches to 2 feet apart, and will quickly repay any expenditures in the line of extra care and fertilizers. They flower continuously from July until Fall, and are always very showy in a garden.

Phlox is sometimes attacked with mildew, and this is best treated by the use of sulphide of potassium, applied in the proportion of one ounce to two gallons of water.

All of the varieties listed herein, unless noted, will attain a height of from 2 to 2½ feet.

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted.



PHLOX MISS LINGARD

CHAMPS ELYSEE. Violet-purple; with large spikes. 2½ feet.

DEUTSCHLAND. The brightest red Phlox yet introduced. Medium height vigorous growth, color oriental red with golden flame suffusion through the petals and clear red eye.

ENCHANTRESS. The Elizabeth Campbell shade of soft salmon pink, but having a much more vigorous growth. This is a splendid new variety which we highly recommend in place of the once popular Elizabeth Campbell. 50c. each, \$5.00 per doz.

ETNA. Brilliant colored variety, large spreading truss of orange-scarlet.

JULES SANDEAU. One of the finest varieties. Forms large well rounded heads. Color a beautiful watermelon pink, very free flowering of vigorous growth.

LOUISE ABBEMA. Very large dwarf, pure white, fine form. 18 inches.

MISS LINGARD. This is known as the early flowering Phlox, since it comes into flower in May and continues to flower continuously until October, or the very heavy frosts injure it. Height about 2 feet. Color, pure white.

MRS. JENKINS. The most popular white variety so far introduced; splendid for planting en masse; blooms early and profusely.

MRS. MILLY VAN HOBOKEN. Lovely soft pink. Large flowers on tall erect stems. A new variety that should be included in every collection.

RHEINLANDER. Beautiful salmon-pink with claret-red eye. Individual trusses of immense size.

THOR. Deep salmon pink, suffused with a scarlet glow, somewhat lighter in mass effect than General Chanzy.

WANADIS. Lovely light violet, mottled white with a bright purple eye. In mass, a violet blue. Medium height.



PRIMULA (See page 96)

Price: 50c. each per plant, \$3.00 per doz., \$20.00 per 100, except where noted.

HARDY PERENNIAL PLANTS—Continued

POLYGONUM (Knotweed)

CUSPIDATUM. Noble plant attaining a height of 6 feet, producing long, drooping clusters of white flowers in the axil of each leaf.

PRIMULA (Primrose)

PRIMULA VERIS HYBRIDS. English Cowslip in all shades of yellow, red, bronze and white. Very hardy and most attractive as an edging plant. It grows about 6 to 8 inches high and blooms in April and May. In assorted colors only.

POLYANTHUS (Bunch Primroses)

GIANT WHITE.

GIANT YELLOW.

GIANT CRIMSON.

PYRETHRUM (Persian or Painted Daisy)

One of the best perennials in our list. It is perfectly hardy, will thrive in any garden soil and in any situation except in dense shade under trees. As a cut flower it is unsurpassed in daintiness and keeping qualities. Blooms in May and June and if cut back after first bloom will give flowers throughout the Summer and early Fall. Grows about 1½ to 2 feet high.

SINGLE ROSE.

SINGLE WHITE.

SINGLE DARK RED.

RUDBECKIA

GOLDEN GLOW. One of the best known hardy flowers, blooming from July until September.

PURPUREA. Large, showy, reddish-purple flowers; 4 inches across. 3 feet. July to October.



PYRETHRUM



SCABIOSA CAUCASICA (Pincushion Flower)

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted.

SALVIA

AZUREA GRANDIFLORA (Blue Sage). A "Rocky Mountain native, producing a profusion of beautiful flowers on slender spikes during August and September. Very attractive planted with late-flowering white Phlox, or with a background of flowering shrubs. 4 to 5 feet.

FARINACEA ("Blue Bedder") (New). A beautiful, deep blue sport of *Salvia farinacea*, more floriferous and a trifle dwarfer in growth, and much more beautiful in color, as it is a wonderful deep shade of blue. 50c. per plant, \$5.00 per doz.

SANTOLINA (Lavender Cotton)

INCANA. Silvery white foliage, used for rock border, and very largely used for carpet bedding.

SCABIOSA (Pincushion Flower)

CAUCASICA. Sky-blue flower, about 4 inches across, with tufted center, flowering from June to September, and attains a height of about 18 inches. Splendid for cutting purposes.

JAPONICA. Bright blue flowers, flowering from July until September, and growing 2 feet high.

HARDY PERENNIAL PLANTS—Continued

SAPONARIA (*Soap Flower*)

OXYMOIDES. Border plant, growing about 6 inches high, producing masses of bright pink flowers from July to October.

SEDUM (*Stonecrop*)

SPECTABILE. Most popular of all the Sedums, producing large, flat heads of rose-colored flowers 2 feet high. Mid-August to mid-September.

ACRE. Very useful in the rock garden or for wall crevices; making thick tufts, covered with very small, bright yellow flowers in the early Summer; creeping flowers, sometimes called "Wall Pepper."

ALBUM. This makes a thick mat of gray-green foliage, small white flowers blooming in July and August, 3 to 4 inches high, spreading habit, splendid for rock gardens.

SPIRAEAS (*Meadowsweet*)

Very showy plants, either planted in isolated clumps or intermingled with other herbaceous plants in the hardy border. They thrive well in any rich garden soil, but prefer damp positions. Very decorative with beautiful spikes of flower. Many of the varieties we offer below are varieties that have been grown for many years in the gardens of America, and have proved very satisfactory.

BRUNHILDE. Very late, tall creamy white flowers borne on long stems, and a profuse bloomer. Produces excellent cut flowers from June until August. \$1.00 each per plant, \$10.00 per doz.

CERES. Bright rosy lilac with light green foliage. A magnificent variety. \$1.00 each per plant, \$10.00 per doz.



SPIRAEA GLADSTONE

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted.

SPIRAEA —Continued

GLADSTONE. A very beautiful pure white variety. Immense plumy trusses borne on erect, strong stocks, one of the most popular varieties. 75c. per plant, \$7.50 per doz.

KRIEMHILDE. One of the most attractive of the late Spiraeas, salmon-pink in color. \$1.00 per plant, \$10.00 per doz.

MONT BLANC. A dazzling white with bright green foliage, dwarf habit. Flowering medium-early. 75c. per plant, \$7.50 per doz.

QUEEN ALEXANDRA. Another very fine variety. 75c. each per plant, \$7.50 per doz.

RUBENS. Very beautiful carmine-rose and one of the best liked of the many varieties sent out. 75c. each per plant, \$7.50 per doz.

VENUS. Is a purplish rose, very tall, late-growing variety. \$1.00 per plant, \$10.00 per doz.

VESTA. Is the bright rosy pink, the earliest of all Spiraeas to flower. \$1.00 per plant, \$10.00 per doz.

STACHYS (*Woundwort*)

LANATA. Bright, silvery white, woolly foliage; flowers an inconspicuous light purple in color; largely used for edging or clumps in borders. June and July.

STATICE (*Sea Lavender*)

INCANA NANA. The freely branching stems carry innumerable small, pearly white flowers, making a cloud-like appearance, flowering in June and July. The plant does not exceed 6 inches in height, but the flowering stalk reaches 18 inches to 2 feet.

LATIFOLIA. A popular border and rockery plant with very glossy leaves and small purplish blue flowers in trusses about 12 inches across, blooming profusely. Height 18 inches. Useful for Winter bouquets.

STOKESIA (*The Cornflower Aster*)

CYANEA COerulea. Very large lavender-blue flowers blooming from early July until late October—succeeds well in open, sunny position. A very desirable border plant growing about 1½ to 2 feet high.

ALBA. White form of the above.

SWEET WILLIAM (*Dianthus barbatus*)

Possibly one of the best known, free flowering, hardy perennials; easily one of the most attractive flowers in the garden.

PINK BEAUTY. Beautiful Newport pink color.

PURITY. Snow white, one of the best.

SCARLET BEAUTY. Brilliant scarlet.

THALICTRUM (*Meadow Rue*)

ADIANTIFOLIUM. Beautiful variety, with foliage like Maidenhair Fern and miniature white flowers. 2 feet.

DIPTEROCARPUM. A very beautiful and distinctive variety with soft, lacy foliage, growing about 4 feet high. The flowers form a large, terminal spray of lilac-mauve brightened by lemon-yellow stamens and anthers. Blooms during August and September, making a charming background for the lower early blooming plants in the perennial border.

HARDY PERENNIAL PLANTS—Continued

TUNICA

SAXIFRAGA. Low growing, tufted plant, with light pink flowers. Very useful in the rockery and at the front of the hardy border.

THYMUS (*Creeping Thyme*)

SERPILLUM. Creeping, wiry-stemmed variety used extensively for planting between stepping stones and in the rock gardens. Small, purple-lilac bloom, flowering most of the Summer. This delightful little plant makes a close, fragrant carpet that may be walked on freely without injury. Grows on hot, dry, sunny banks where it is difficult to establish other plants.

VERONICA (*Speedwell*)

AMETHYSTINA. Amethyst-blue flowers; spikes long and good. 2 feet.

INCANA. Another very valuable addition to our list of rock plants. The silvery gray foliage makes it attractive whether in bloom or not. The bright blue flowering spikes appear in July and August on stems about 1 ft. high; can be used in front of the herbaceous border, as well as in the rock garden.

LONGIFOLIA SUBSESSILIS. Long spikes; beautiful blue flowers; plants 3 feet high.

SPICATA. Flowers in June and July; magnificent sprays of bright blue flowers, growing 1½ to 2 feet high.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted.

VALERIANA (*Valerian*)

OFFICINALIS. Very fragrant, rose-tinted flowers, sometimes called garden Heliotrope; flowering June and July. 2 feet high.

RUBRUM. Large, flat headed clusters of deep pink flowers. Blooms from late June until August. Height 1½ feet.

VIOLA CORUTA (*Perennial Violet*)

ADMIRATION. A deep dark blue in color with flowers almost as large as the annual Pansy, but flowering continuous over half of the year.

WHITE PERFECTION.**YELLOW GEM.****VIOLA, JERSEY GEM**

The peerless Viola that blooms from April until snow, rich, dark violet color, with long stems and a delicious fragrance. It is perfectly hardy and will grow in any good garden soil, but must have full sun for best results. Makes a thick mat of growth in one year and can be grown in the rock garden, the border or as edging plants. The dead blooms should be sheared off occasionally to keep the plant blooming and keep it from going to seed.

YUCCA (*Adam's Needle*)

FILAMENTOSA. Ornamental foliage and flowering plants. Makes a splendid foil for the delightfully fragrant spikes of creamy white flowers produced during June and July. 5 to 6 feet tall.

CLUB LECTURES

For all Clubs interested in gardening, we are prepared to furnish a speaker on the subjects listed below:

Spring in the Perennial Gardens
Delphiniums
Hardy Garden Roses
Chrysanthemums
Fall Planting and Winter Covering

Whenever blooming season permits we will furnish samples of the flower under discussion and give practical demonstrations with plants. The speaker will be glad to answer individual questions at the close of the talk.

Arrangement for lectures must be made with the Madison, N. J., office one month in advance of the date of same.



HYBRID VIOLA JERSEY JEWEL

Here we have a new break, as remarkable in its way as *Viola Jersey Gem*. It was originated by T. A. Weston, the raiser of *Jersey Gem*, from a direct cross between *Jersey Gem* and *Pansy Queen Victoria*. Practically all the cornuta characteristics have been eliminated but it retains the perpetual blooming habit that has made *Jersey Gem* famous. The plant is a strong grower, the foliage being long and somewhat narrow. The flowers are about twice the size of *Jersey Gem*; the color, according to Ridgeway's color chart, being true *Pansy violet*. In the mass, in full sunshine, the color is most tell-

ing. The raiser has tested it thoroughly for four years and strongly recommends that it be planted in full sunshine. Under such conditions it is a most persistent and prolific bloomer. On a rockery or on a bank it is perfectly happy. In our own nurseries, divisions planted out in August amazed everyone in late October by the massive flowers which, while large, possess the distinctive *Viola* form. We firmly believe that *Jersey Jewel* is a worthy addition to the new race of American raised *Violas*, the only type that has proved a real success in all sections of the United States as well as in the British Isles.

Price: each \$1.00, per doz. \$10.00, per 100 \$75.00

HARDY VINES

We have had so much call for hardy vines that we have decided to carry the following choice kinds best suited for covering houses, fences and garden walls.

AMPELOPSIS VEITCHI

(*Boston or Japanese Ivy*)

Useful in city and suburbs; its glossy foliage withstands dust and smoke well. Clings to bricks, walls, fences or rocks. Once established forms a dense, rapid growth. Foliage turns to brilliant, scarlet crimson and orange in the Fall. 3 yr. old, \$1.25 each; 2 yr. old, 75c. each.

AMPELOPSIS QUINQUEFOLIA

(*Virginia Creeper*)

A very vigorous high climbing deciduous vine. Very quick growing and forms a dense screen in a

few years. Suitable for drying yards, walls and for covering old tree trunks. Foliage turns a rich crimson in the Fall. 50c. each, \$5.00 per doz.

CLEMATIS PANICULATA

(*Japanese Virgin's Bower*)

A very satisfactory flowering vine. Perfectly hardy, of strong, rapid growth, attractive, glossy-green foliage producing a profusion of white, fragrant flowers in August and September. Also useful as a trailer on rocky slopes and banks. 75c. each, \$7.50 per doz.

EUONYMUS

(*Broad-leaved Evergreen;
Bittersweet*)

RADICANS VEGETUS. Very attractive climbing evergreen with aerial rootlets, which makes it self-supporting on a stone wall or base of house. Also attractive as a ground cover. In the Fall this produces an abundance of orange-scarlet berries which remain on the plant the greater part of the Winter. As an absolutely hardy evergreen wall covering, this plant is unequalled. 50c. each, \$5.00 per doz.

LONICERA

(*Hall's Evergreen Honeysuckle*)

HALLIANA. One of the best vines for all purposes, blooms from early Summer to frost. Flowers yellow and white with a delightful fragrance. Very vigorous grower. Splendid covering for banks and slopes. 50c. each, \$5.00 per doz.

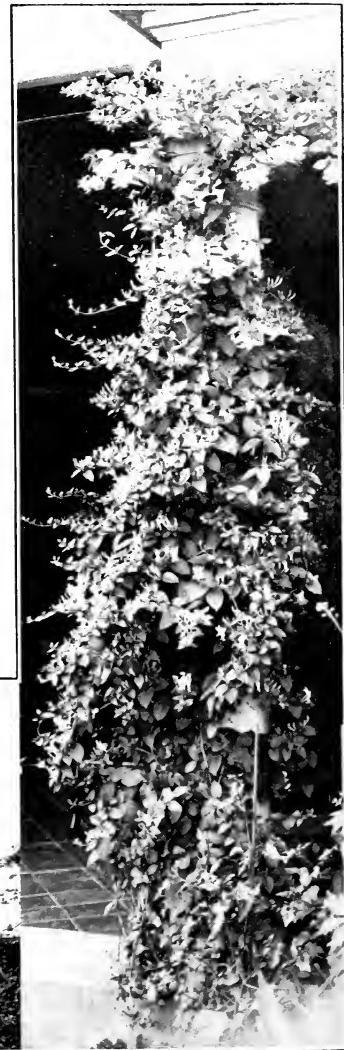


CLEMATIS PANICULATA

D.M.C.



AMPELOPSIS VEITCHI
(*Boston or Japanese Ivy*)



LONICERA HALLIANA
(*Hall's Evergreen Honeysuckle*)

ROCK PLANTS

The popularity of Rock Gardens is ever increasing because so much can be done with a small space. The plants are very hardy and easy to grow and so many interesting varieties are adaptable to this type of garden.

Our list will make a complete rock garden that will bloom all season and give many colors both of flowers and foliage.

For description see list of Perennials.

AUBRIETIA GRACILIS.

ARABIS ALPINA.

CAMPANULA CARPATICA (Blue and white).

CERASTIUM TOMENTOSUM

DIANTHUS

HELIANTHEMUM CROCEUM

IBERIS (Perennial Candytuft).

IRIS, DWARF.

EXCELSA CRISTATA.

PUMILA ATROVIOLACEA.

NEPETA HEDERACEA and **MUSSINI.**

PHLOX SUBULATA.

PLUMBAGO LARPENTAE.

SANTOLINA INCANA.

SAPONARIA ORIENTALIS.

SEDMUM ALBA.

SEDMUM ACRE.

TUNICA SAXIFRAGA.

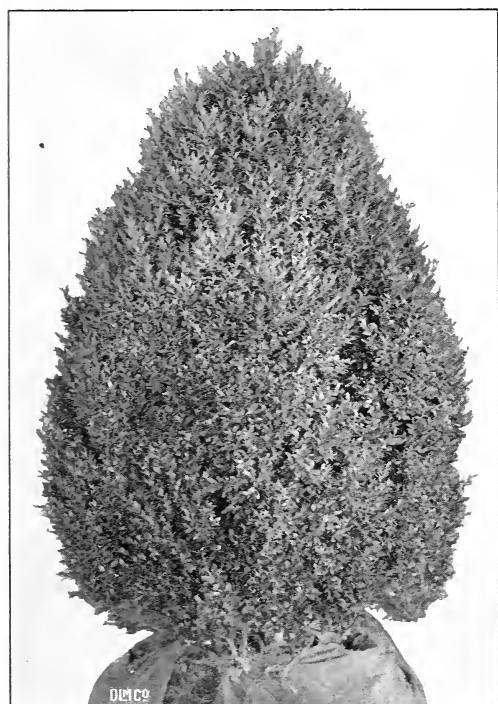
VERONICA INCANA.

VIOLA CORNUTA.

VIOLA JERSEY GEM



HARDY BOXWOOD (*BUXUS SEMPERVIRENS*)



BUXUS SEMPERVIRENS

We have a first-class block of Boxwood for Spring planting. This stock is the true *Buxus sempervirens* growing here in our own establishment. It is naturally grown, running from 18 to 24 inches in height, and is splendidly rooted. If you are needing Boxwood, be sure to get the true *Sempervirens*.

Price: \$5.00 each; \$50.00 per dozen; \$250.00 per 100.
Special prices on 1000 lots.

NEW RED-LEAVED JAPANESE BARBERRY

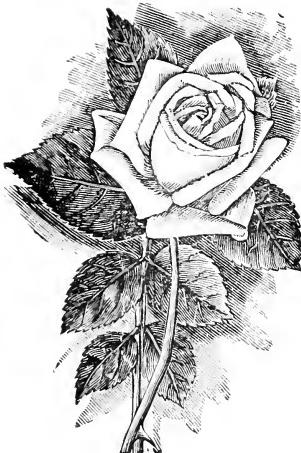
It is only once in a lifetime that a really worthwhile, outstanding novelty in hardy shrubs is introduced, and in this new Barberry we have such a plant:

It is similar in all respects to the green-leaved Japanese Barberry which is so popular, but the foliage of this new variety is of a rich, lustrous, bronzy red, similar to the richest red-leaved Japanese Maples. However, unlike these and other colored shrubs in which the coloring fades or disappears entirely as the season advances, this new Barberry becomes more brilliant and gorgeous throughout the Summer, and in the Fall its foliage changes to vivid orange, scarlet, and red shades, more brilliant and more effective than in the ordinary Japanese Barberry. April delivery:

All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun.

	Each	12	100
One-year-old plants	\$0.75	\$7.50	\$50.00
Two-year-old plants	1.00	10.00	75.00
Three-year-old plants	2.50	25.00	175.00

Springfield Rose Food



AN organic fertilizer, containing the vital elements of plant life in scientifically correct proportions to make it an ideal food for roses. Will keep your bushes in splendid condition and produce an abundant crop of perfect blooms.

Enthusiastically acclaimed by leading commercial growers and by members of the American Rose Society in all sections of the country.

10 lbs.	- - - -	\$1.00
25 lbs.	- - - -	2.00
100 lbs.	- - - -	6.00

Springfield Dahlia Food

A PLANT food essentially adapted for use on this exacting plant. Not a concentrated chemical fertilizer, but a perfect plant food containing organic materials scientifically compounded. The use of this prepared food assures one of splendid success and we heartily endorse it.

10 lbs.	- - - -	\$1.00
25 lbs.	- - - -	\$2.00
100 lbs.	- - - -	\$6.00

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Suggestions for Small Gardens



Tulipa Clusiana

A lovely little species, sometimes called the "Peppermint Stick" Tulip; that has been one of the attractions at the recent flower shows. Red and white in color, somewhat like a peppermint stick, from which it derives its name. Plant it in your rock garden or herb border and enjoy it for many years.

\$6.00 per hundred

Charles H. Totty Company
MADISON, NEW JERSEY



Darwin Tulips

Darwin Tulips are today the Tulip par excellence for border planting. Their stately beauty and matchless coloring are unsurpassed, and it is small wonder that now the Darwins are more extensively grown than any other type.

The following collection we recommend to the amateur grower who, loving beauty, lacks time and experience to make a good selection.

CULTURE: Set out the bulbs in soil 4 to 6 inches deep, about 6 inches apart. Cover lightly with straw, leaves or manure for Winter protection and remove same in Spring after danger of frost is over.

Collection

We will deliver to any address, *prepaid*,

20 Bulbs each of any five of the varieties named—**\$5.00**
100 Bulbs in all.....

This collection may include *Tulipa Clusiana* as one of the five varieties if desired.

Clara Butt

Clear self-colored rosy salmon-pink, the finest Darwin Tulip of its class; an exquisite flower on the merits of which there is only one uniform opinion.

Pride of Haarlem

Bright rose suffused with purple; an enormous flower of superb form and beauty; a stately plant for borders and among shrubs; for groups this variety is unsurpassed, both for its glorious color and its stately habit; good forcer.

Rev. H. Ewbank

Vivid heliotrope-lilac, with lighter tint at margin; magnificent flower, extremely beautiful outside and a beautiful Tulip when forced.

We can furnish bulbs of all varieties of Hyacinths, Tulips, Narcissus, etc.

Farncombe Sanders

Fiery rose-scarlet, inside vivid cherry-scarlet with white center marked blue, large, broad petaled flower of perfect shape; one of the finest sorts, if not the finest, of all the red and salmon colored varieties; splendid forcer.

Massachusetts

Vivid pink with white center; large flowers of splendid form and color.

Baronne de la Tonnaye

Bright rose, margined blush-rose, a beautifully shaped long flower of large size; splendid forcer.



Old-Fashioned Hardy Flowers

At this season of the year there is sufficient time to give your Hardy Perennial Garden consideration, or plan to have one for another year.

If you are interested in Perennials, send for our border plan, covering a space of 50 by 5 feet, which is yours for the asking. This will give you a list of plants suitable for such a border, season of blooming, color of flowers, and is selected so that the grower will have flowers in the border from early in the season until late in the Fall.

All Perennials listed are field-grown clumps and will give results next year, and can be safely planted at this time and come through the Winter satisfactorily.

Charles H. Totty Company
MADISON, NEW JERSEY

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This Price List Cancels all Previous Quotations

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Remittances should be made by check, post office order, or express order. When it is not convenient to remit in this way the letter should be registered. We will not be responsible for the receipt of money not registered. On all shipments by parcel post the postage will be charged for.

Be sure that both postal and express address is mentioned, as frequently shipments requested to be sent by parcel post must be shipped by express, on account of overweight when ready for delivery.

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Accounts unpaid within 30 days are subject to sight draft without further notice.

Orders from customers in foreign countries must in all cases be accompanied by cash.

While we exercise every care in packing, and have confidence in the safe arrival of shipments, all goods are forwarded at the purchaser's risk.

If found unsatisfactory on arrival they must be returned to us immediately. Complaints on goods will not be accepted later than 10 days after their arrival, and no adjustment will be made after that time, as we cannot be responsible for bad weather conditions, or carelessness in culture.

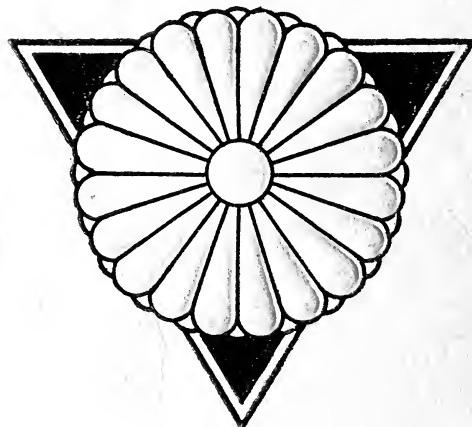
If the customer does not wish to accept the shipment under these conditions, we ask that the plants be returned us immediately.

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Not less than three plants of one variety will be sold at the dozen rate; nor less than twenty-five at the hundred rate. We are sometimes asked to send one hundred plants in about thirty varieties at the hundred price. We will not send less than twenty-five of one variety at the hundred rate, as it takes considerable time to select one hundred plants in twenty or thirty varieties, and we must charge for the same accordingly.

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